

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050418\
 Data File : VX001397.D
 Acq On : 04 May 2018 15:00
 Operator : JC/MD
 Sample : VX0504WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2018 7:28:02 PM

Quant Time: May 05 05:57:14 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	30315	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	155425	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	149749	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	62954	28.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.97%
60) 4-Bromofluorobenzene	11.14	95	71051	28.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.40%
63) Toluene-d8	8.72	98	191647	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	34712	17.465	ug/l 97
3) Chloromethane	1.32	50	31927	17.211	ug/l 99
4) Vinyl Chloride	1.40	62	34807	17.889	ug/l 96
5) Bromomethane	1.64	94	26776	18.219	ug/l 98
6) Chloroethane	1.72	64	22736	19.098	ug/l 99
7) Trichlorofluoromethane	1.93	101	64152	19.848	ug/l 100
8) Diethyl Ether	2.19	74	23034	20.526	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37091	20.236	ug/l 94
10) 1,1-Dichloroethene	2.37	96	31376	18.895	ug/l 94
11) Methyl Iodide	2.51	142	49171	24.346	ug/l 95
12) Methyl Acetate	2.78	43	59044	27.047	ug/l 94
13) Acrolein	2.30	56	12852	49.361	ug/l 99
14) Acrylonitrile	3.15	53	106824	122.942	ug/l 97
15) Acetone	2.45	58	30309	112.108	ug/l 95
16) Carbon Disulfide	2.57	76	66528	15.063	ug/l 98
17) Allyl chloride	2.73	41	55842	18.951	ug/l 96
18) Methylene Chloride	2.86	84	36599	20.222	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	33319	18.611	ug/l 92
20) Diisopropyl ether	3.88	45	101745	17.545	ug/l 98
21) 1,1-Dichloroethane	3.70	63	64977	20.850	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	36415	18.215	ug/l 97
23) tert-Butyl Alcohol	3.08	59	49143	138.394	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	120197	21.107	ug/l 95
25) Chloroform	5.22	83	63021	18.574	ug/l 99
26) Cyclohexane	5.57	56	46908	16.555	ug/l # 94
29) 1,1-Dichloropropene	5.81	75	42738	18.560	ug/l 100
30) 2-Butanone	4.72	43	137936	116.895	ug/l 99
31) 2,2-Dichloropropane	4.59	77	41018	16.317	ug/l 95
32) 1,1,1-Trichloroethane	5.50	97	50916	18.275	ug/l 98
33) Carbon Tetrachloride	5.79	117	45476	18.109	ug/l 97
34) Benzene	6.15	78	130063	19.062	ug/l 94
35) Methacrylonitrile	5.07	41	29831	22.782	ug/l 92
36) 1,2-Dichloroethane	6.21	62	52260	19.955	ug/l 99
37) Trichloroethene	7.22	130	40999	19.816	ug/l 94
38) Methylcyclohexane	7.46	83	49793	18.377	ug/l 95
39) 1,2-Dichloropropane	7.52	63	33719	19.487	ug/l 99
40) Dibromomethane	7.67	93	25256	20.747	ug/l 87

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Quant Time: May 05 05:57:14 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	42814	18.617	ug/l	97
42) Vinyl Acetate	3.83	43	495721	106.799	ug/l	99
43) Ethyl Acetate	4.87	43	51949	22.861	ug/l	97
44) Isopropyl Acetate	6.48	43	79783	20.634	ug/l	99
45) 1,4-Dioxane	7.77	88	18541	527.547	ug/l	97
46) Methyl methacrylate	7.79	41	42197	20.977	ug/l	94
47) n-amyl Acetate	10.91	43	70660	19.043	ug/l	99
48) t-1,3-Dichloropropene	8.44	75	48055	17.750	ug/l	95
49) cis-1,3-Dichloropropene	9.05	75	44301	17.083	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	37972	21.003	ug/l	98
51) Ethyl methacrylate	9.19	69	51116	19.843	ug/l	95
52) 1,3-Dichloropropane	9.38	76	60755	20.789	ug/l	98
53) Dibromochloromethane	9.59	129	36913	18.499	ug/l	97
54) 1,2-Dibromoethane	9.68	107	39434	20.379	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	132172	104.740	ug/l	100
56) Bromoform	10.87	173	29747	18.214	ug/l #	97
58) 4-Methyl-2-Pentanone	8.66	43	281486	113.255	ug/l	98
59) 2-Hexanone	9.51	43	213167	110.080	ug/l	98
61) Tetrachloroethene	9.34	164	51294	22.352	ug/l	89
62) Toluene	8.79	91	146694	18.227	ug/l	98
64) Chlorobenzene	10.15	112	101433	18.681	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	37107	18.717	ug/l	97
66) Ethyl Benzene	10.26	91	163399	18.188	ug/l	97
67) m/p-Xylenes	10.37	106	128726	36.075	ug/l	100
68) o-Xylene	10.71	106	62852	18.223	ug/l	99
69) Styrene	10.72	104	102594	17.872	ug/l	99
70) Isopropylbenzene	11.02	105	171770	18.340	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	54101	19.693	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	51865m	21.096	ug/l	
73) Bromobenzene	11.26	156	50209	18.446	ug/l	94
74) n-propylbenzene	11.37	91	195829	18.511	ug/l	99
75) 2-Chlorotoluene	11.43	91	116252	18.207	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	147996	18.545	ug/l	67
77) t-1,4-Dichloro-2-butene	11.08	75	12066	16.495	ug/l	78
78) 4-Chlorotoluene	11.52	91	135049	17.734	ug/l	100
79) tert-butylbenzene	12.07	119	162155	18.989	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	149998	18.468	ug/l	100
81) sec-Butylbenzene	11.95	105	177751	19.182	ug/l	99
82) p-Isopropyltoluene	12.07	119	162155	18.989	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	90419	18.219	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	90472	17.881	ug/l	98
85) n-Butylbenzene	12.40	91	132654	17.964	ug/l	98
86) Hexachloroethane	12.60	117	21983	16.842	ug/l	67
87) 1,2-Dichlorobenzene	12.40	146	92773	18.799	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	11674	20.333	ug/l	90
89) 1,2,4-Trichlorobenzene	13.65	180	69672	18.633	ug/l	97
90) Hexachlorobutadiene	13.79	225	38792	22.348	ug/l	98
91) Naphthalene	13.84	128	197587	20.367	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	72488	19.641	ug/l	96

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ClientSampleId :
VX0504WBSD01

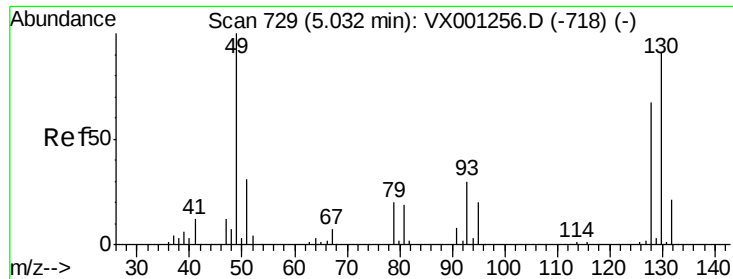
Manual Integrations
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5/7/2018 7:28:02 PM

Quant Time: May 05 05:57:14 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

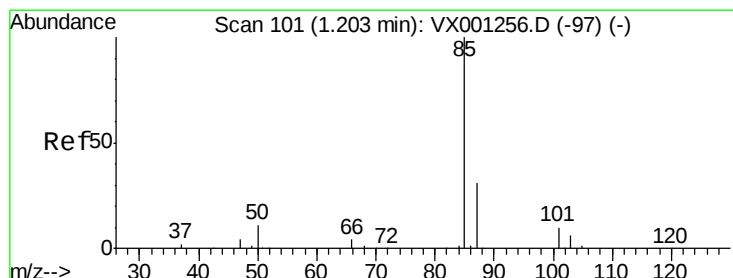
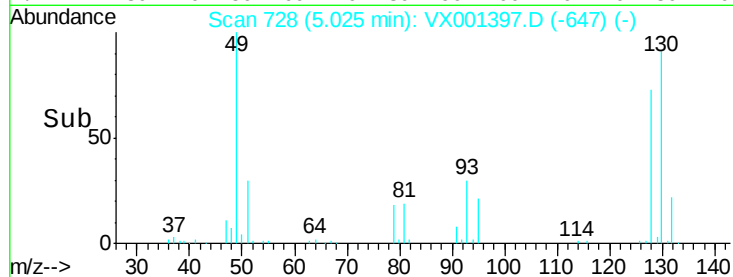
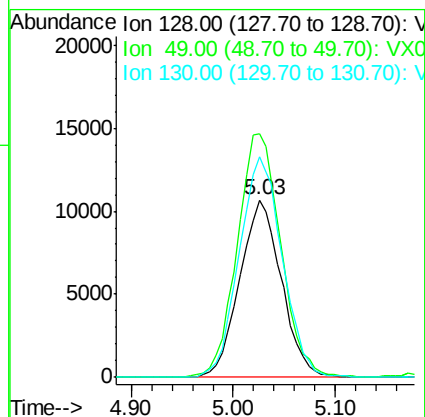
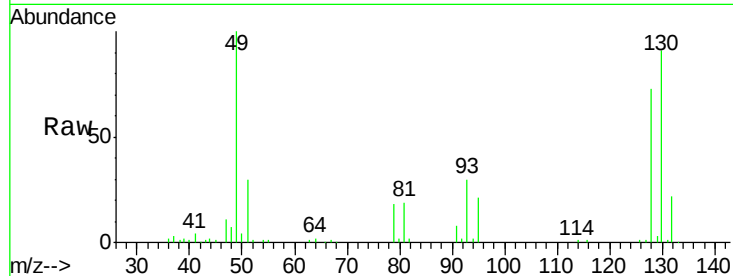
ClientSampleId :

VX0504WBSD01

Tot Ion:	128	Resp:	30315
Ion	Ratio	Lower	Upper
128	100		
49	143.7	0.0	378.3
130	128.4	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.465 ug/l

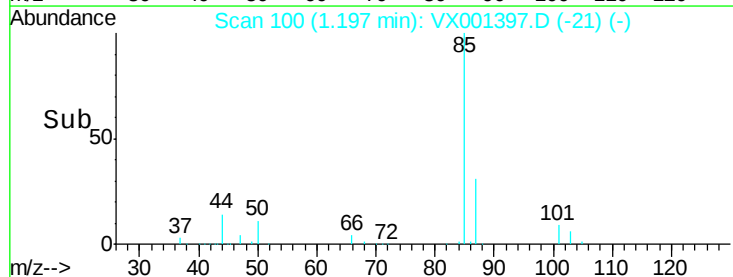
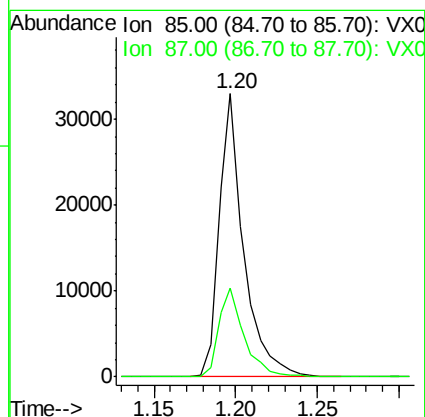
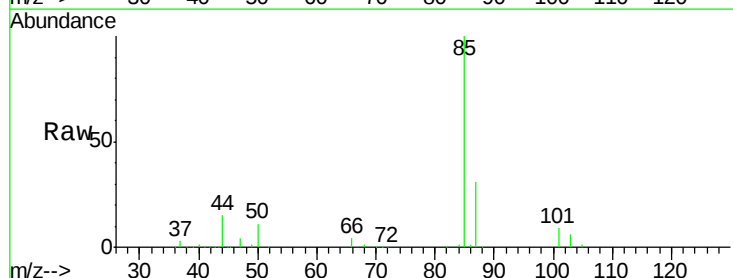
RT: 1.20 min Scan# 100

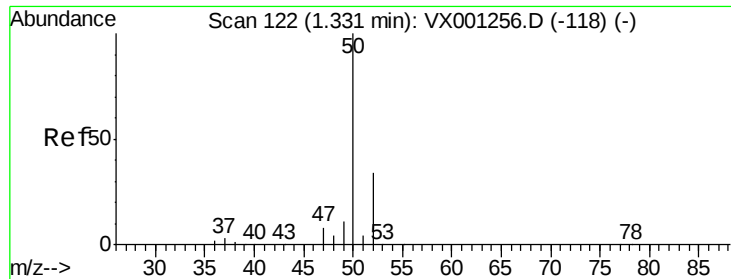
Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion:	85	Resp:	34712
Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.6	49.7





#3

Chloromethane

Concen: 17.211 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

Tot Ion: 50 Resp: 31927

Ion Ratio Lower Upper

50 100

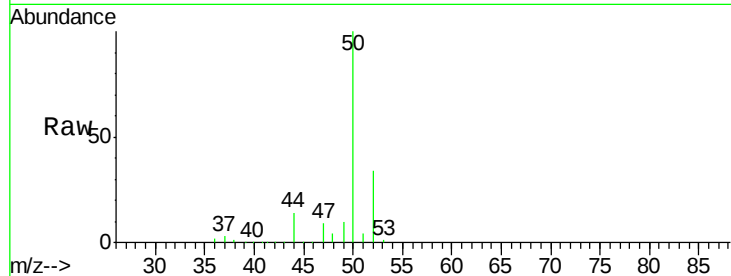
52 34.2 27.8 41.6

Manual Integrations

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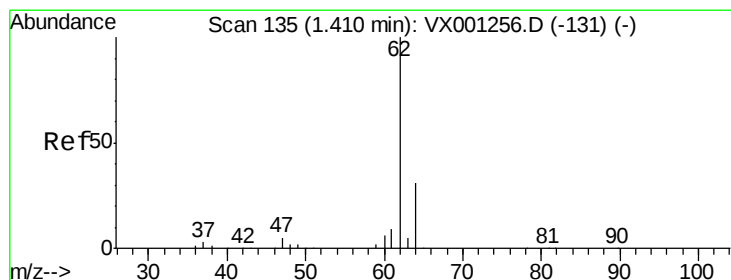
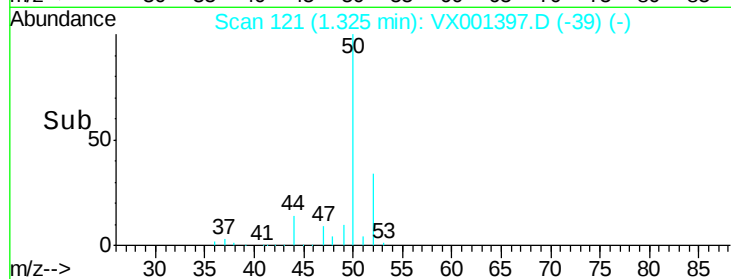
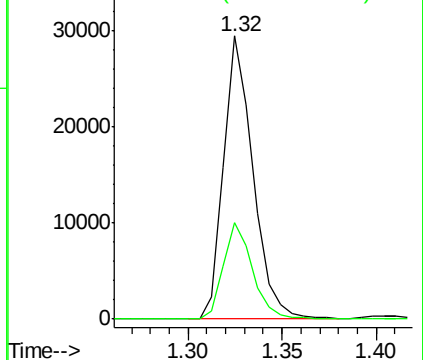
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.889 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001397.D

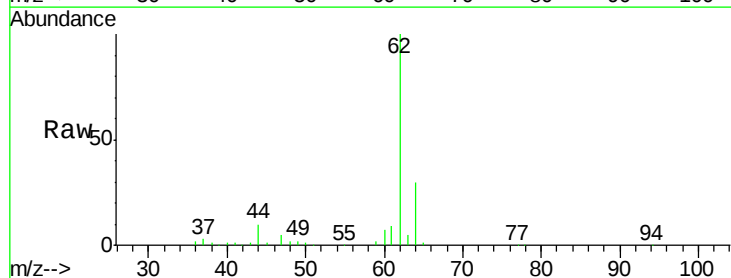
Acq: 04 May 2018 15:00

Tgt Ion: 62 Resp: 34807

Ion Ratio Lower Upper

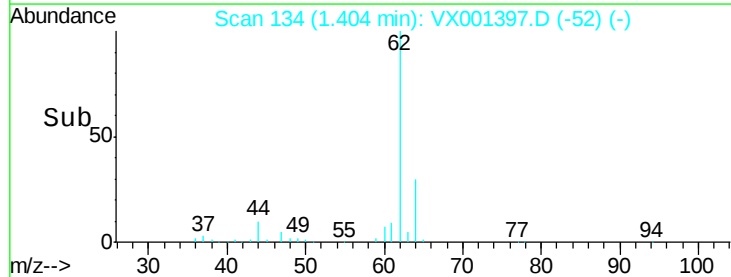
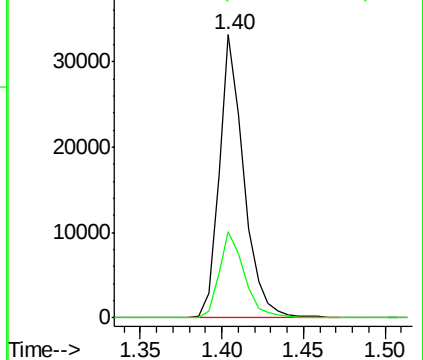
62 100

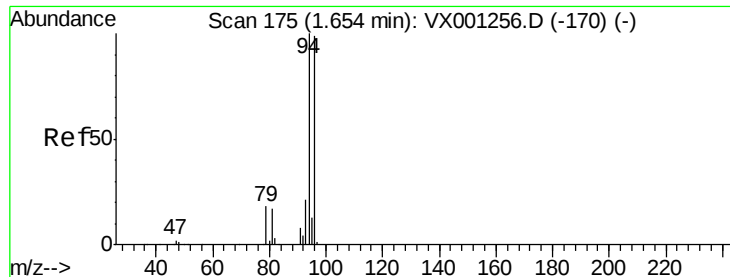
64 30.5 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.219 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

Tot Ion: 94 Resp: 26776

Ion Ratio Lower Upper

94 100

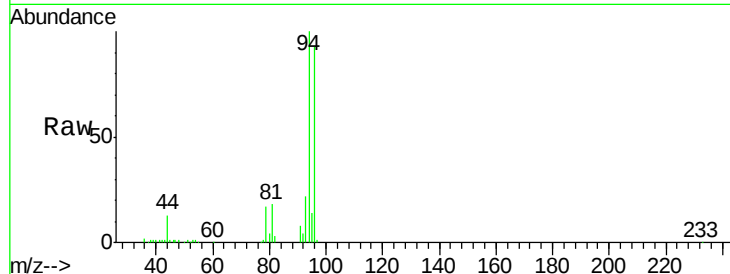
96 93.1 76.2 114.2

Manual Integrations

APPROVED

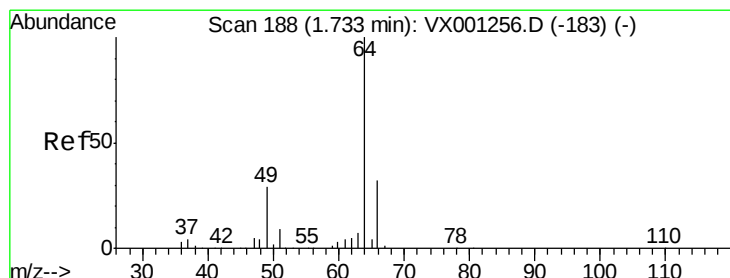
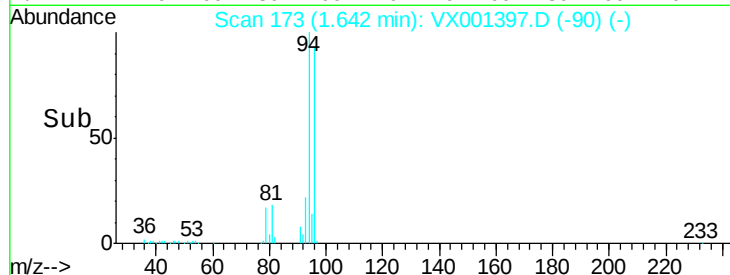
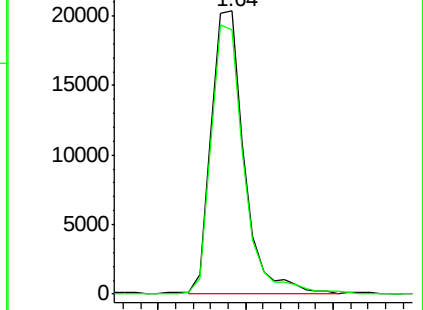
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.098 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001397.D

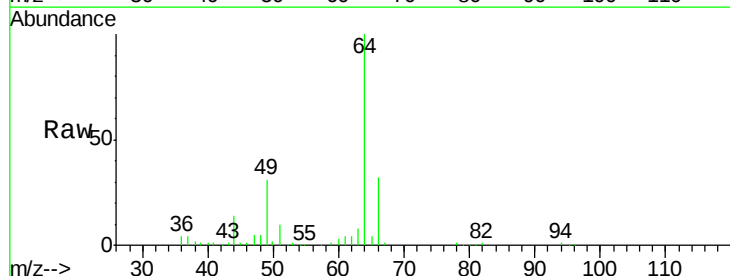
Acq: 04 May 2018 15:00

Tgt Ion: 64 Resp: 22736

Ion Ratio Lower Upper

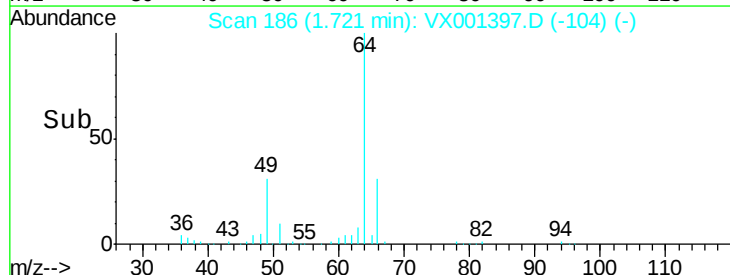
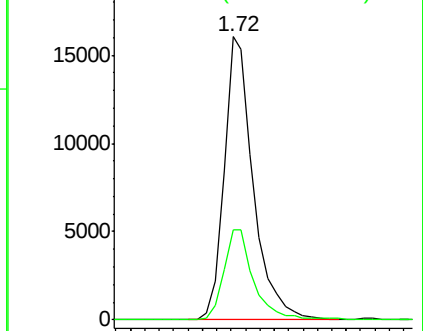
64 100

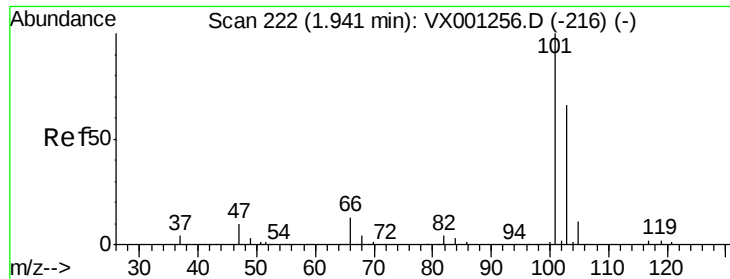
66 32.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

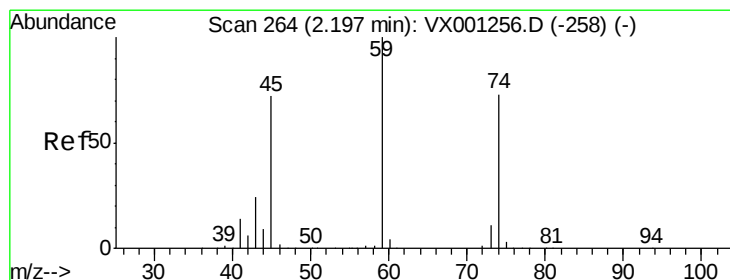
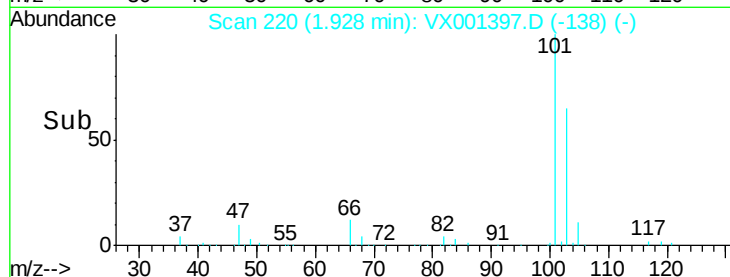
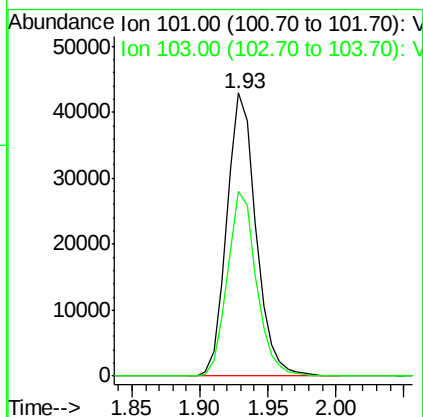
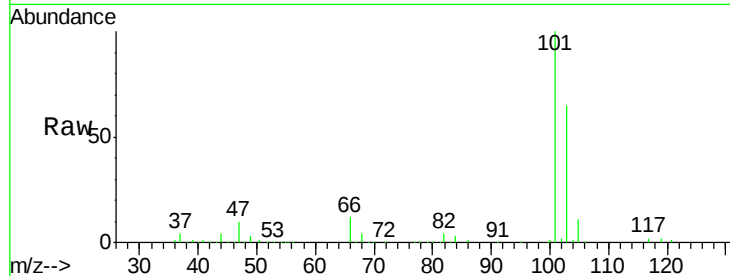
Trichlorofluoromethane
Concen: 19.848 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion:101 Resp: 64152
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

Manual Integrations
APPROVED

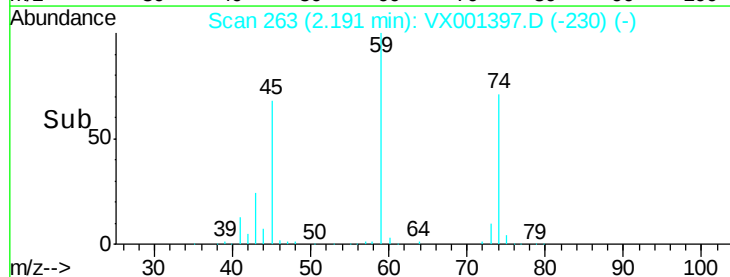
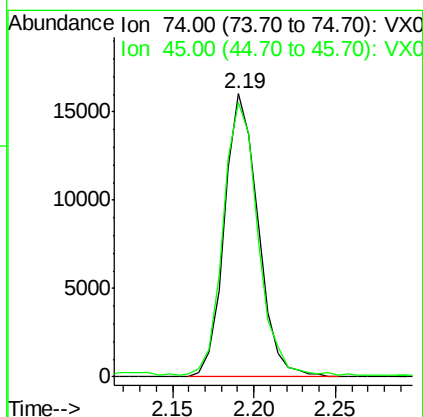
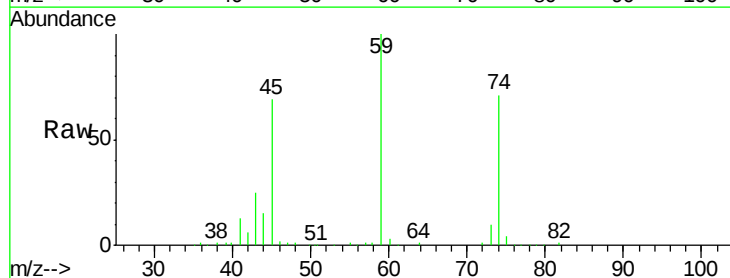
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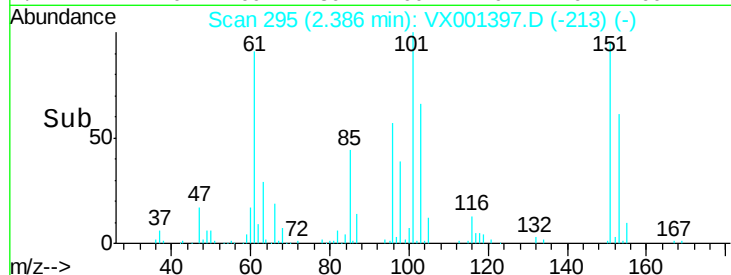
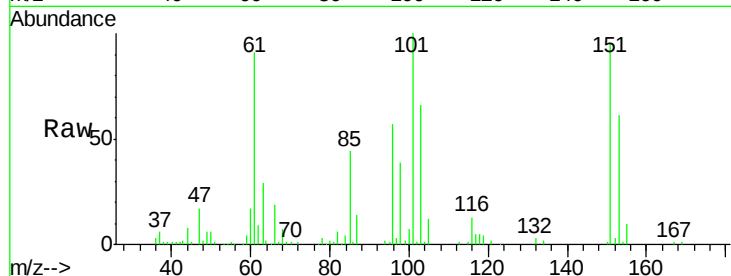
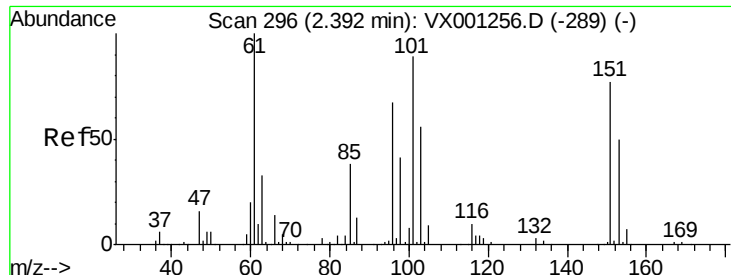


#8

Diethyl Ether
Concen: 20.526 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 74 Resp: 23034
Ion Ratio Lower Upper
74 100
45 98.9 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.236 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001397.D

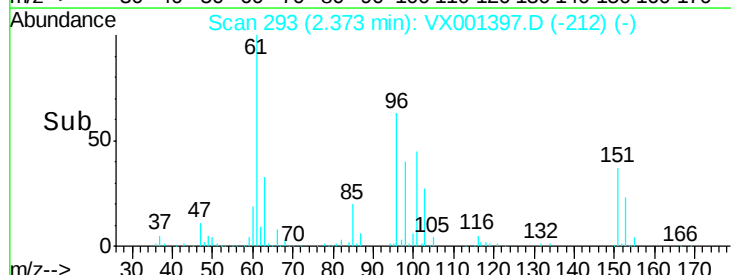
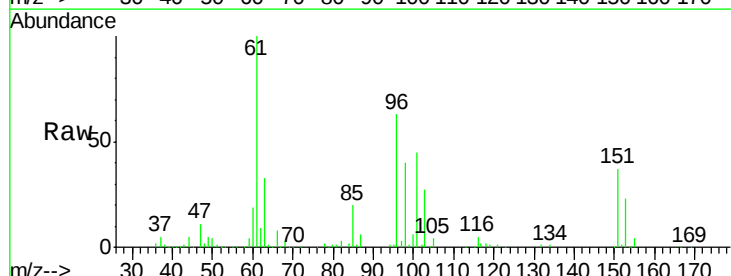
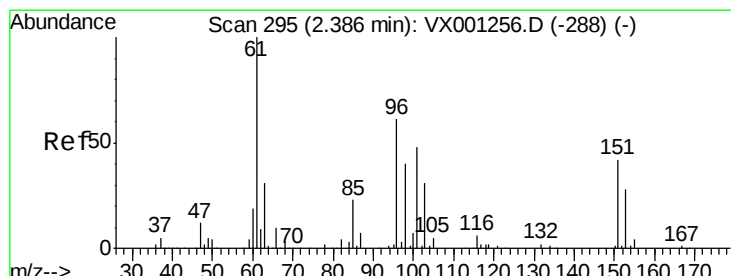
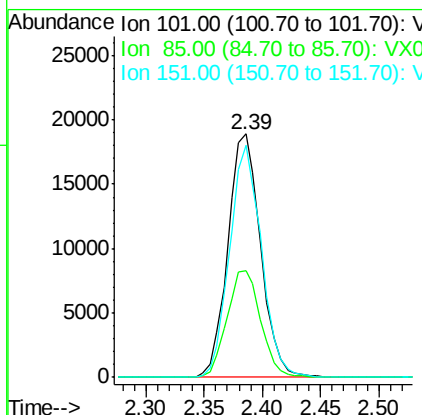
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	37091		
85	45.0	0.0	90.4	
151	92.5	0.0	167.6	

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.895 ug/l

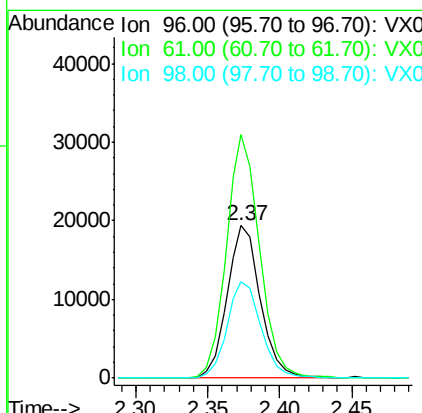
RT: 2.37 min Scan# 293

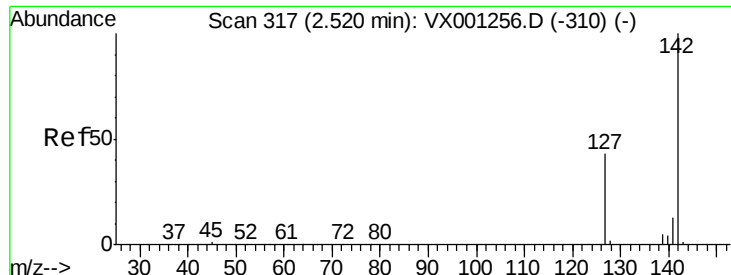
Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	31376		
61	159.1	118.6	178.0	
98	63.5	51.0	76.6	





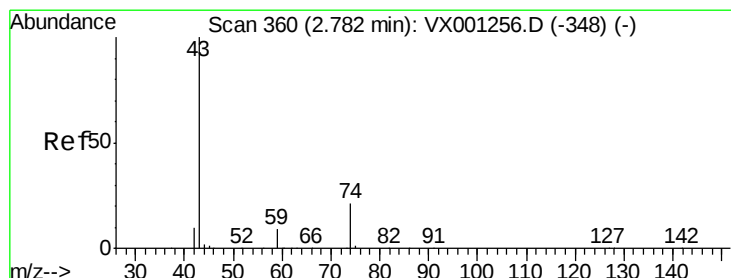
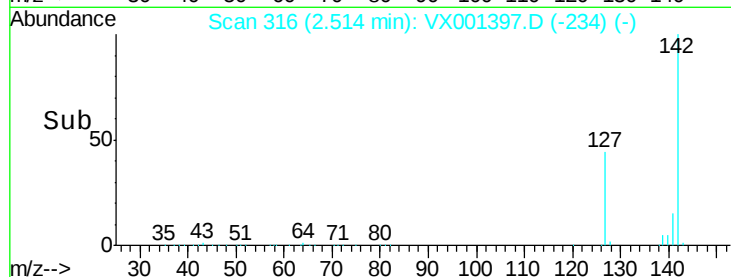
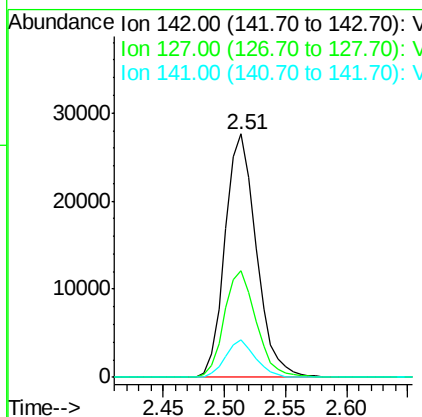
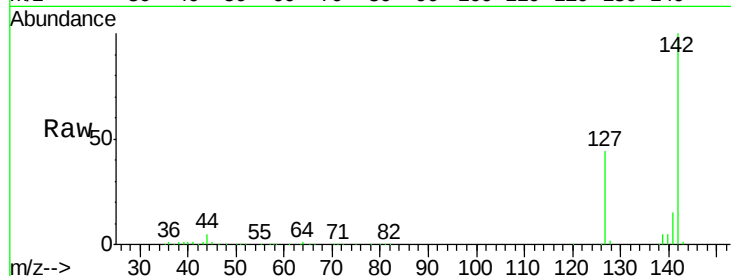
#11
Methvl Iodide
Concen: 24.346 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampled :
VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.1	23.8	71.5
141	15.2	8.2	24.4

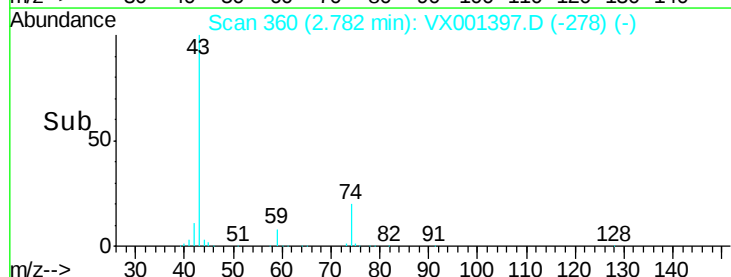
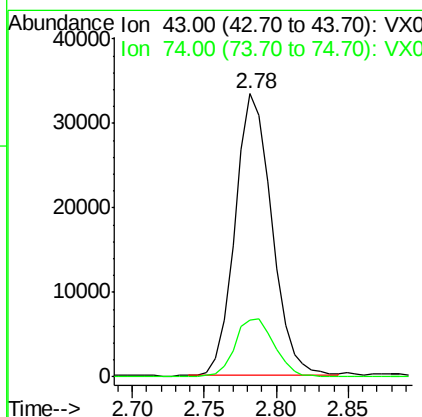
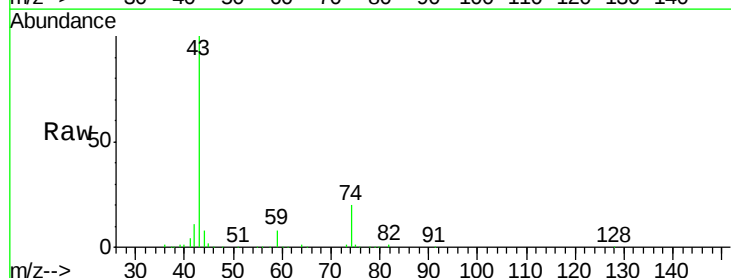
Manual Integrations
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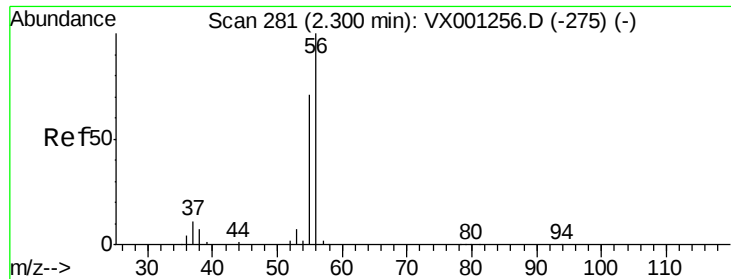
MMDadoda
5/7/2018 7:28:02 PM



#12
Methyl Acetate
Concen: 27.047 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	18.6	27.8





#13

Acrolein

Concen: 49.361 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

Tot Ion: 56 Resp: 12852

Ion Ratio Lower Upper

56 100

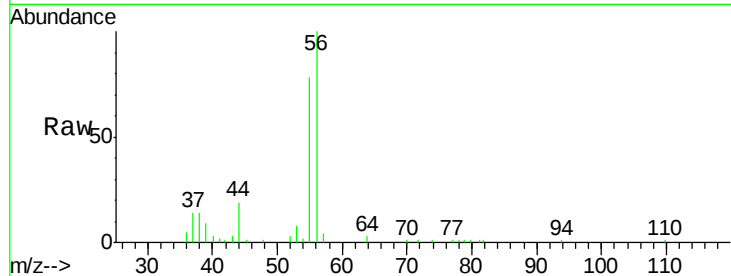
55 72.4 57.3 85.9

Manual Integrations

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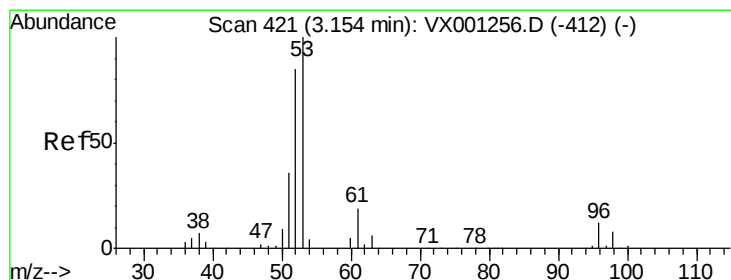
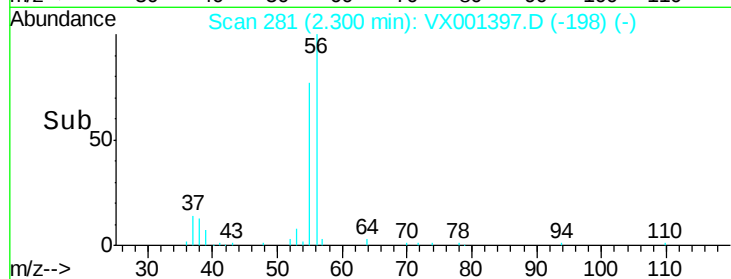
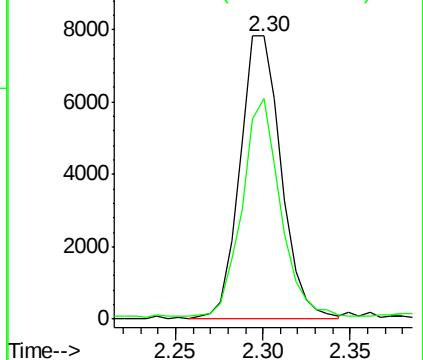
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 122.942 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

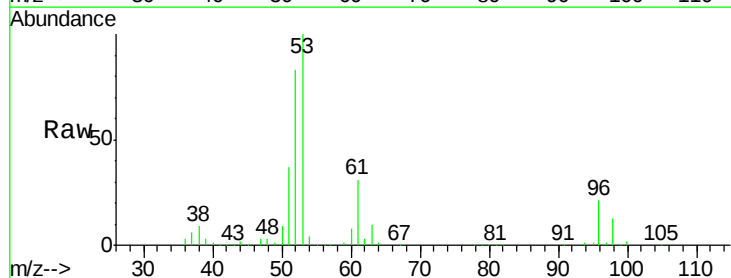
Tgt Ion: 53 Resp: 106824

Ion Ratio Lower Upper

53 100

52 82.0 41.9 125.8

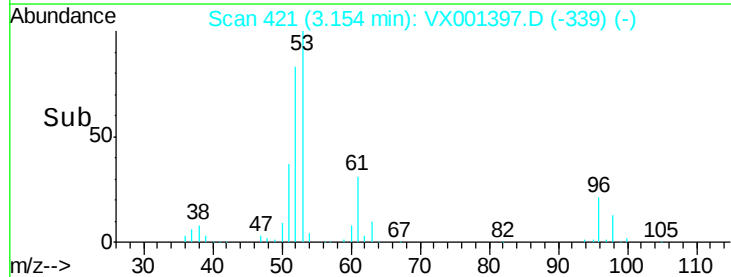
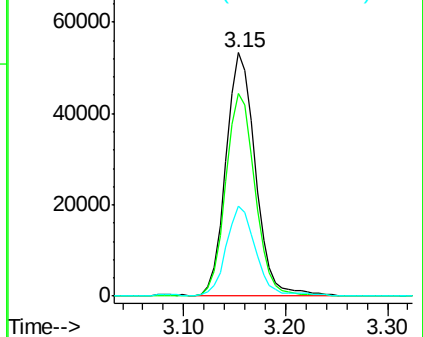
51 35.2 18.8 56.3

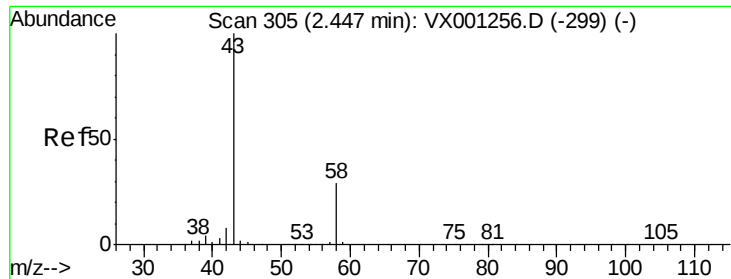


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 112.108 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

VX0504WBSD01

Tot Ion: 58 Resp: 30309

Ion Ratio Lower Upper

58 100

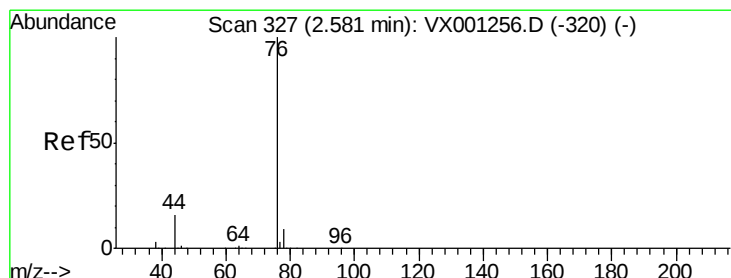
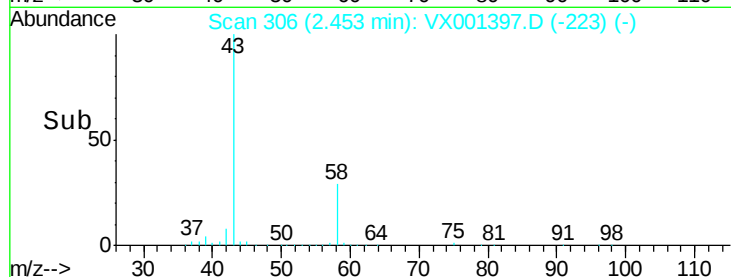
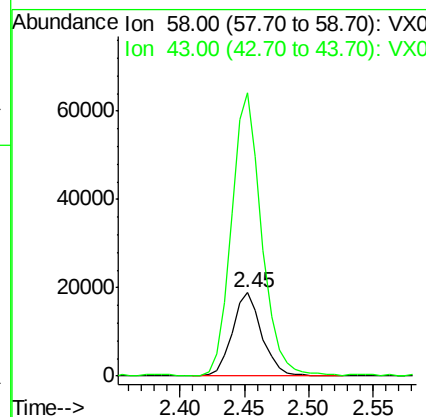
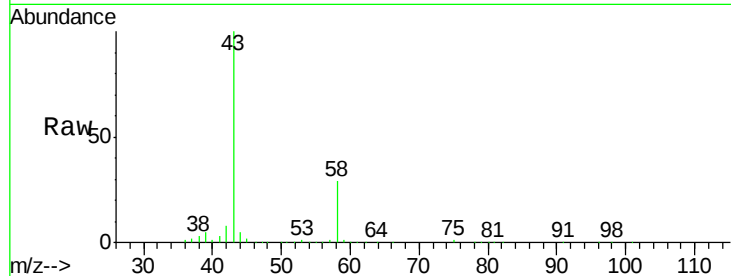
43 341.1 264.6 396.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 15.063 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001397.D

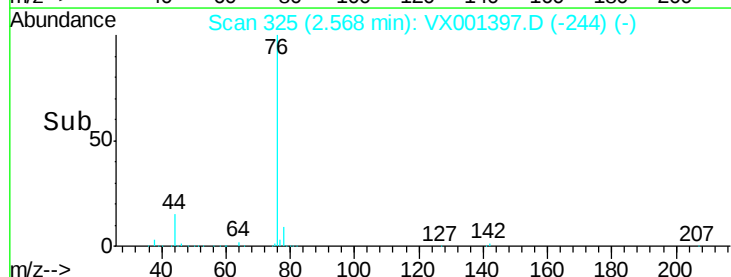
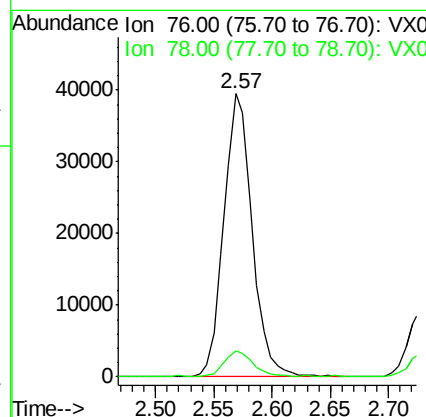
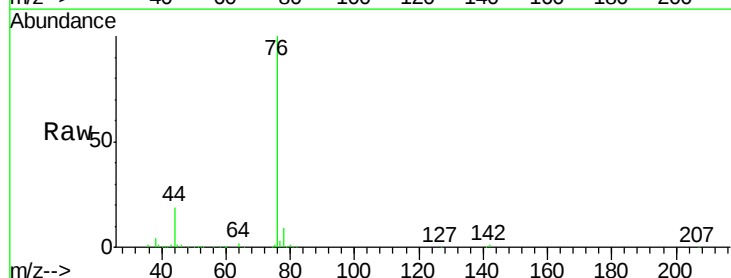
Acq: 04 May 2018 15:00

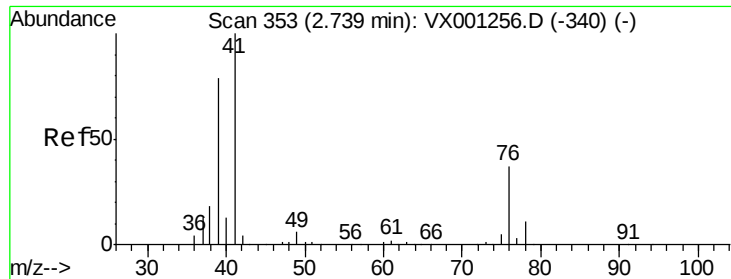
Tgt Ion: 76 Resp: 66528

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2





#17

Allvl chloride

Concen: 18.951 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

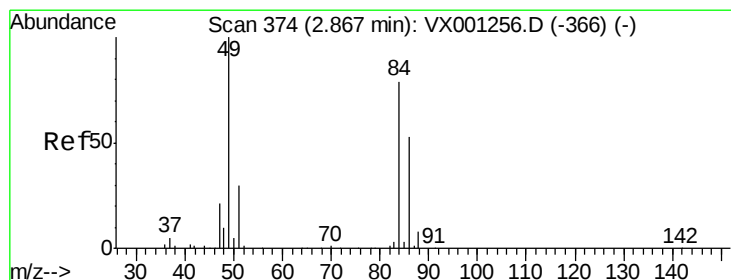
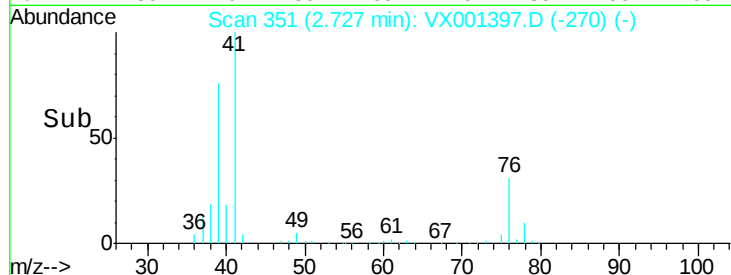
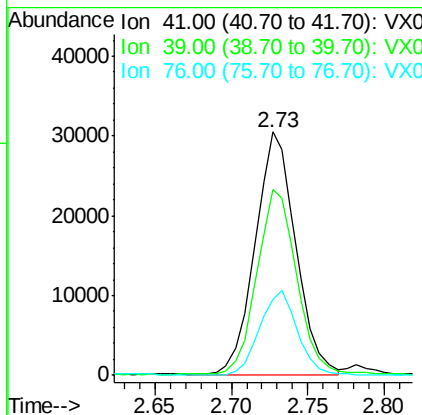
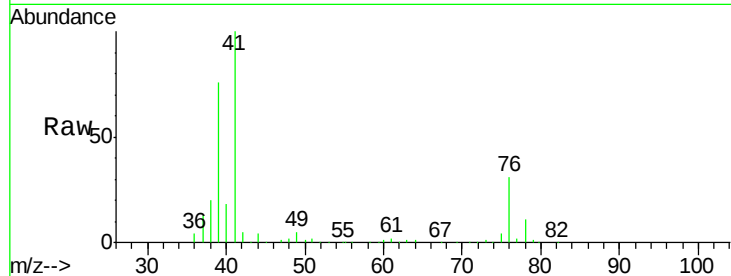
ClientSampleId :

VX0504WBSD01

Tot Ion:	41	Resp:	55842
Ion	Ratio	Lower	Upper
41	100		
39	76.2	38.5	115.5
76	31.0	18.7	56.1

Manual Integrations
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#18

Methylene Chloride

Concen: 20.222 ug/l

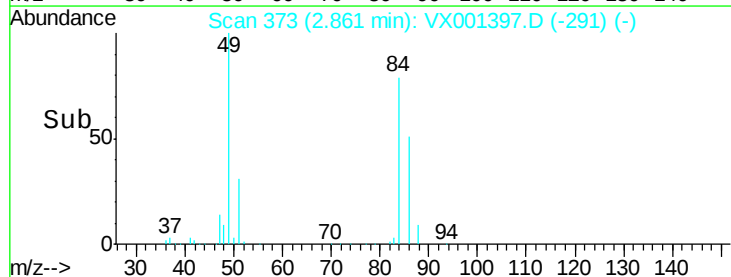
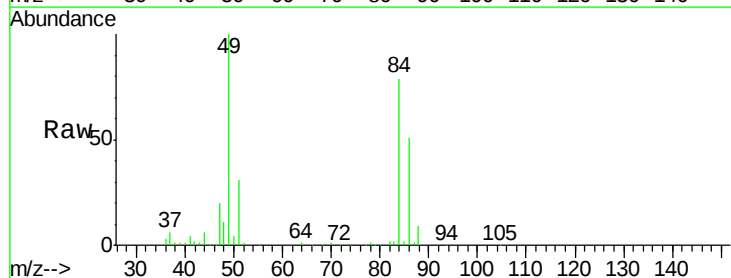
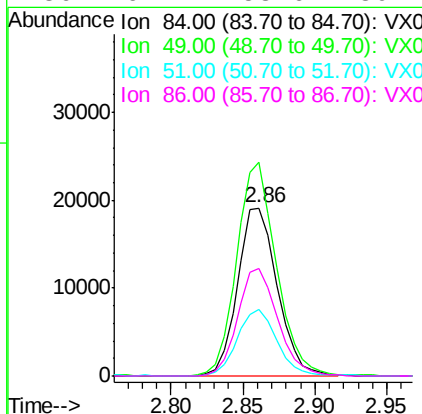
RT: 2.86 min Scan# 373

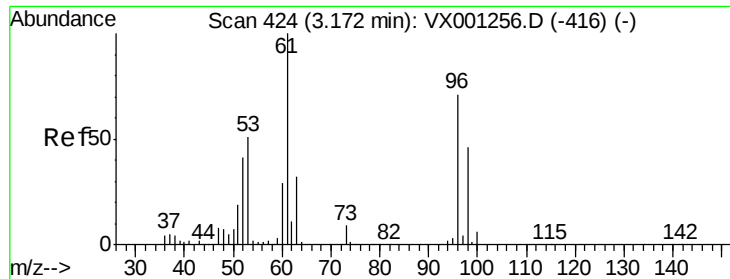
Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion:	84	Resp:	36599
Ion	Ratio	Lower	Upper
84	100		
49	126.9	103.3	154.9
51	39.4	31.2	46.8
86	64.2	53.6	80.4





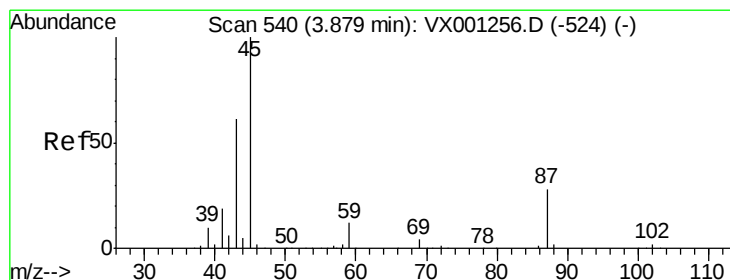
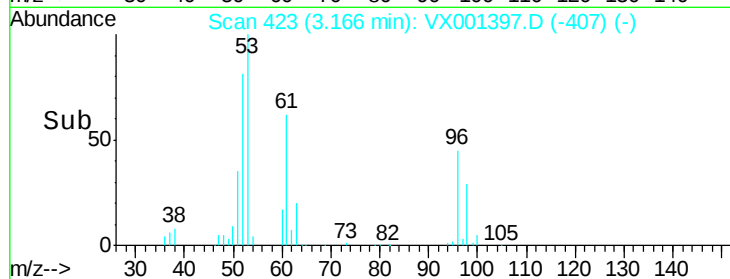
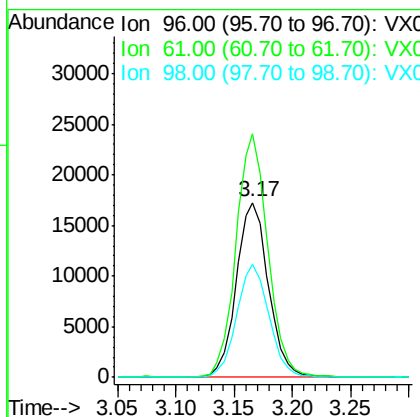
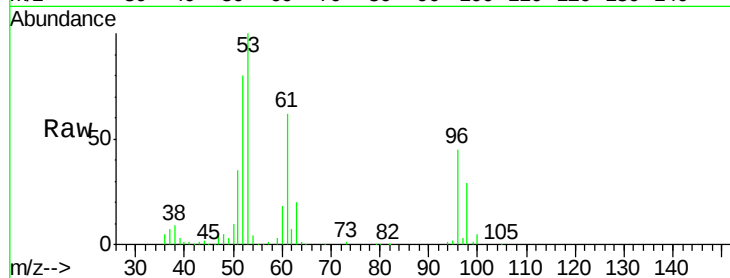
#19
trans-1,2-Dichloroethene
Concen: 18.611 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	101.0	151.6
98	64.3	53.3	79.9

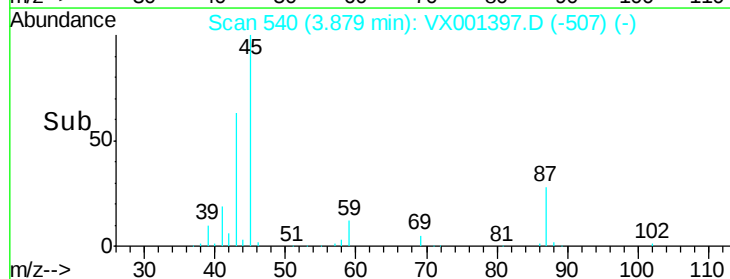
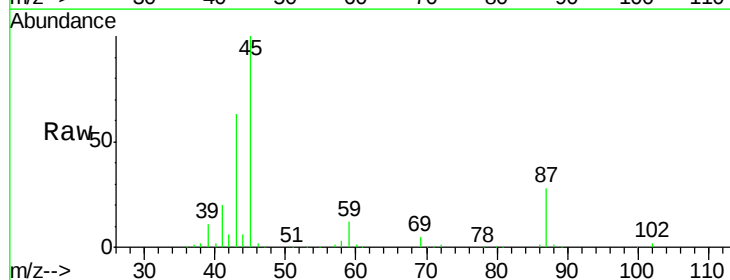
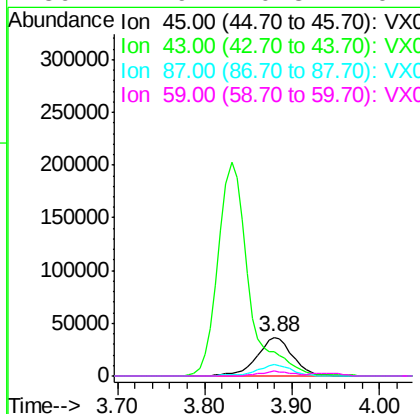
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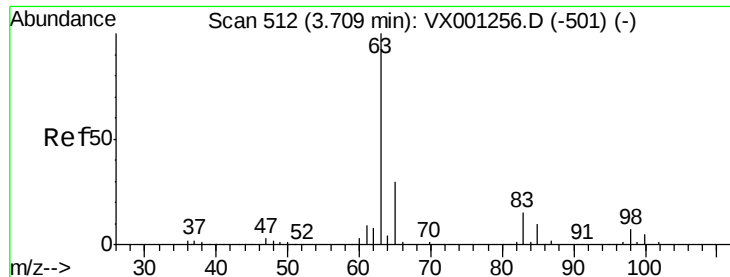
MMDadoda
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#20
Diisopropyl ether
Concen: 17.545 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.0	49.6	74.4
87	28.5	23.1	34.7
59	11.9	10.8	16.2





#21

1,1-Dichloroethane

Concen: 20.850 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

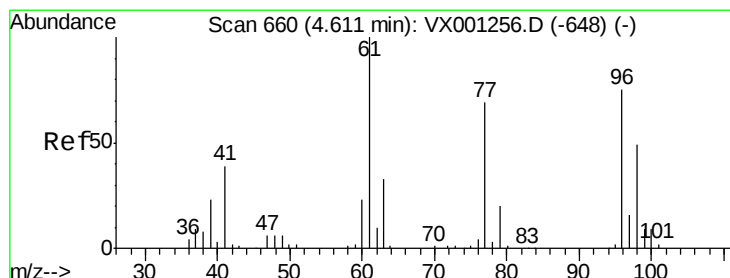
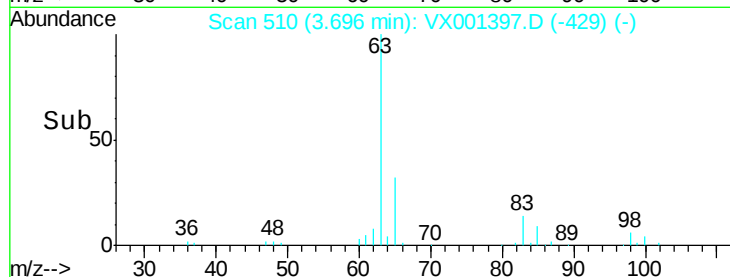
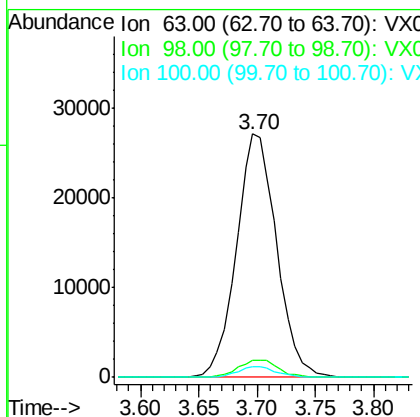
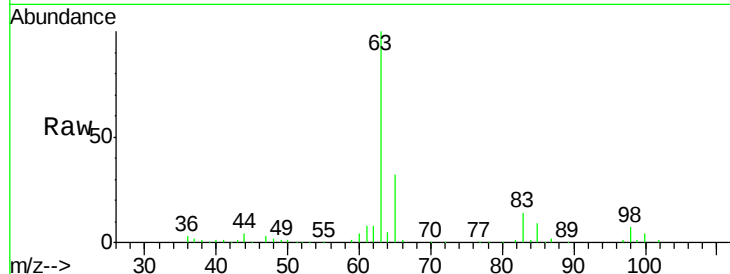
ClientSampleId :

VX0504WBSD01

Tot Ion:	63	Resp:	64977
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	4.1	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 18.215 ug/l

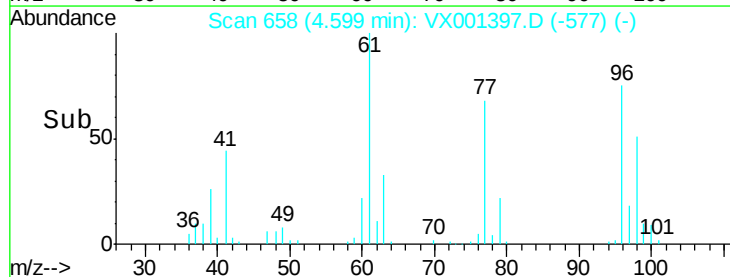
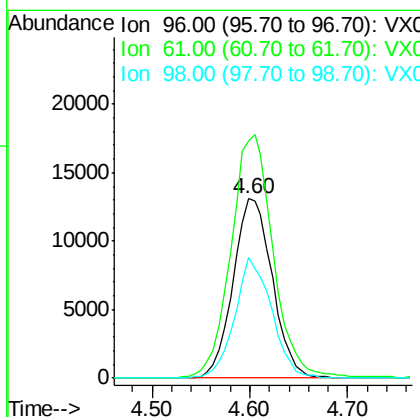
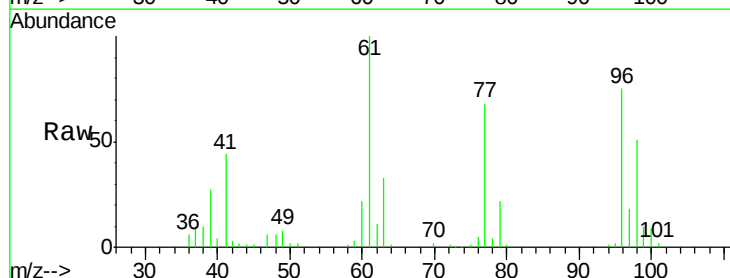
RT: 4.60 min Scan# 658

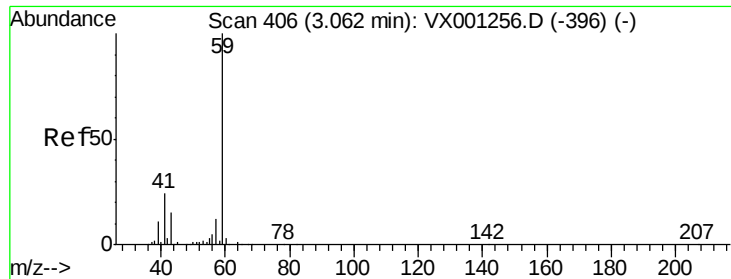
Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion:	96	Resp:	36415
Ion	Ratio	Lower	Upper
96	100		
61	146.1	113.5	170.3
98	63.1	51.8	77.8





#23

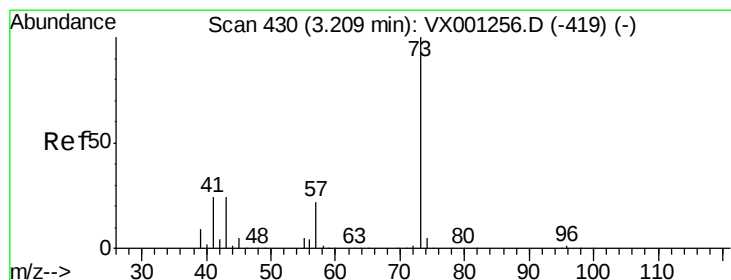
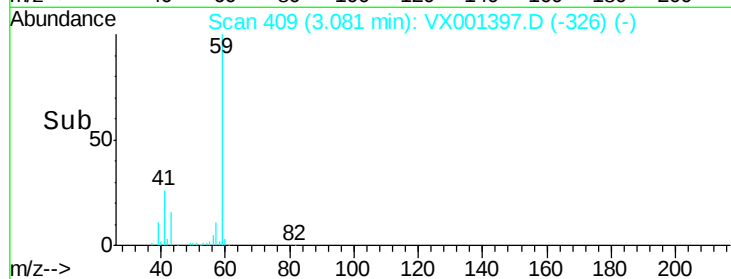
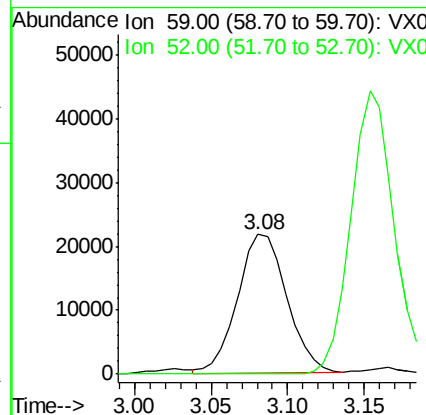
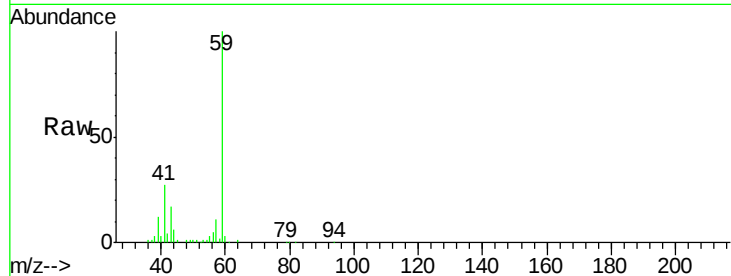
tert-Butyl Alcohol
 Concen: 138.394 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion: 59 Resp: 49143
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1

Manual Integrations
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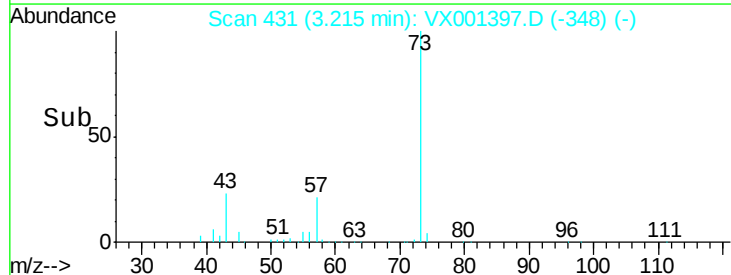
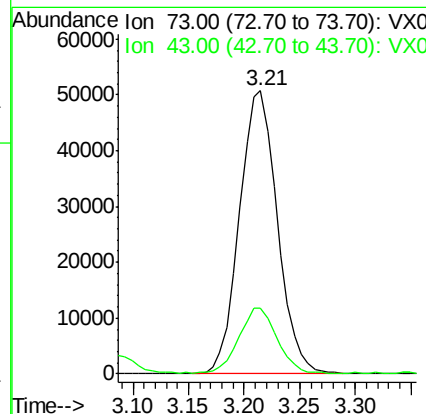
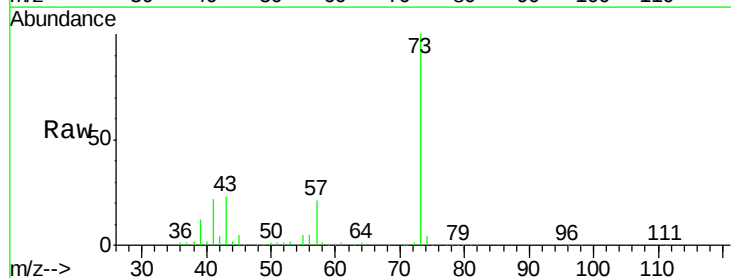
MMDadoda
 5/7/2018 7:28:02 PM

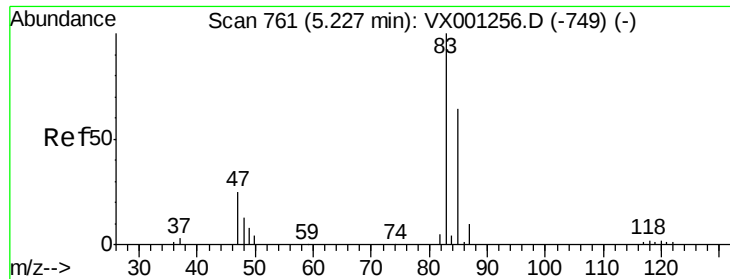


#24

Methyl tert-Butyl Ether
 Concen: 21.107 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 73 Resp: 120197
 Ion Ratio Lower Upper
 73 100
 43 23.1 16.5 24.7





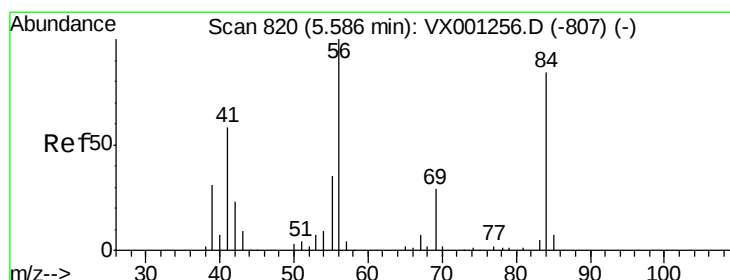
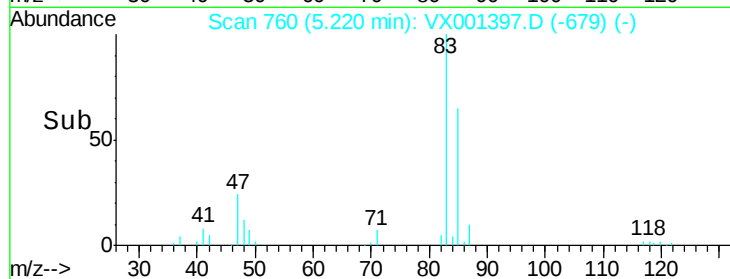
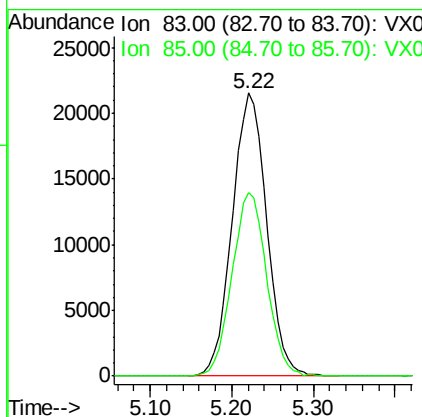
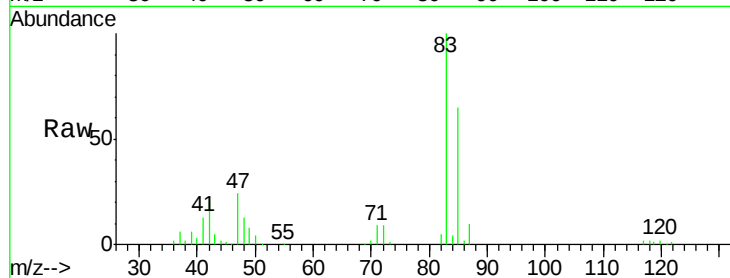
#25
Chloroform
Concen: 18.574 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	83	Resp	63021
Ion Ratio	100	Lower	Upper
85	64.9	52.5	78.7

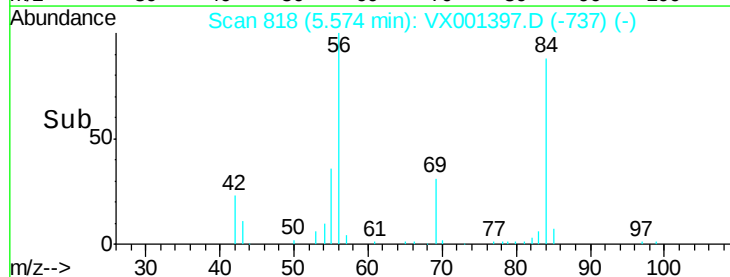
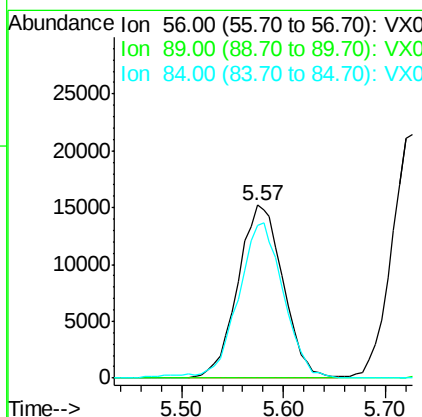
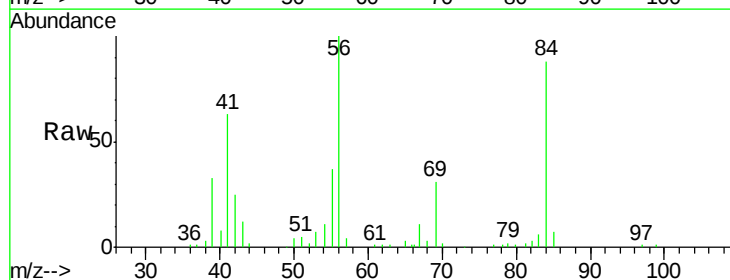
Manual Integrations
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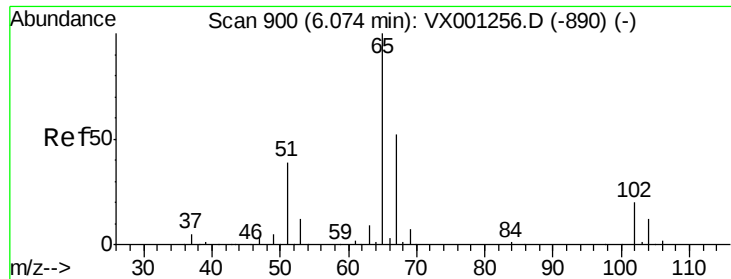
MMDadoda
5/7/2018 7:28:02 PM



#26
Cyclohexane
Concen: 16.555 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	56	Resp	46908
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	88.2	74.8	112.2





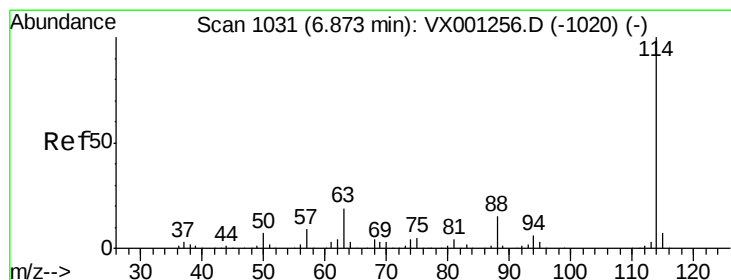
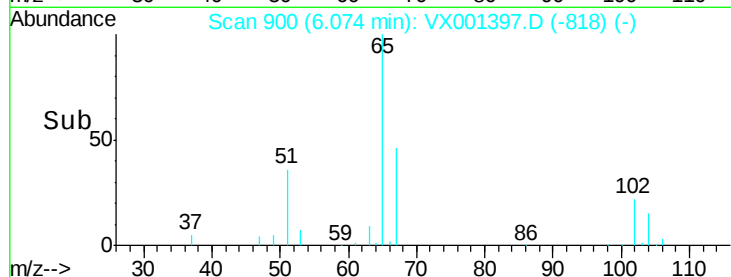
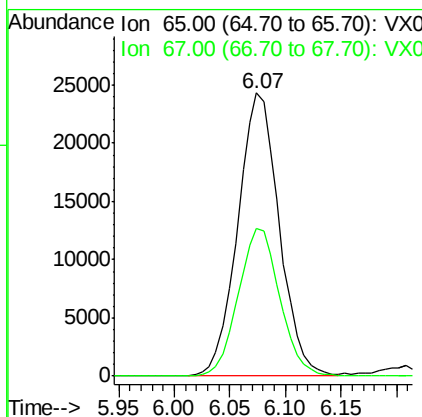
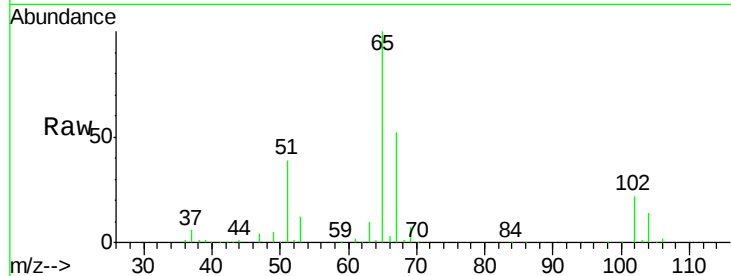
#27
 1,2-Dichloroethane-d4
 Concen: 28.790 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	41.4	62.2

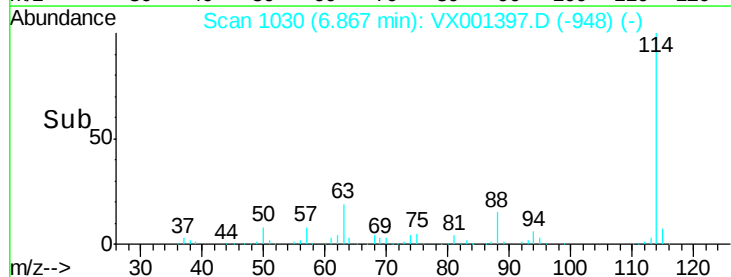
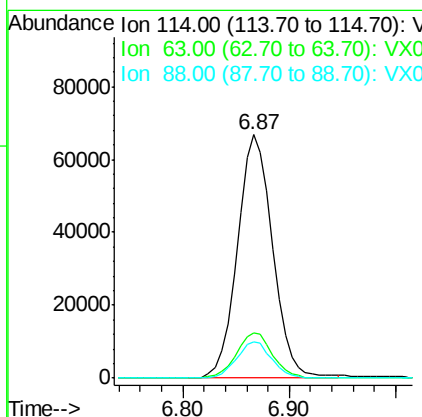
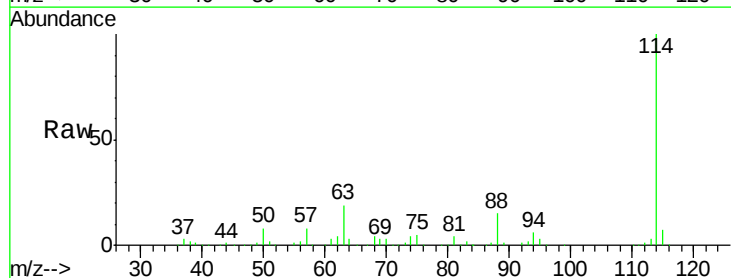
Manual Integrations
 APPROVED

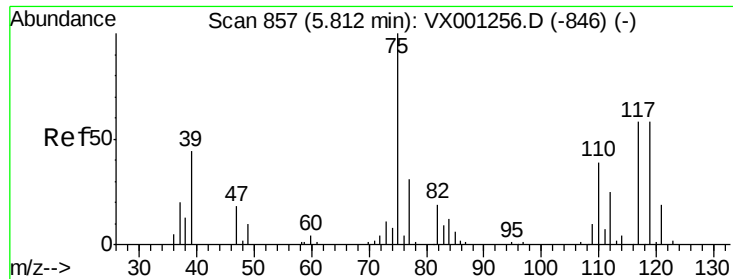
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	15.0	22.4
88	14.8	11.8	17.8





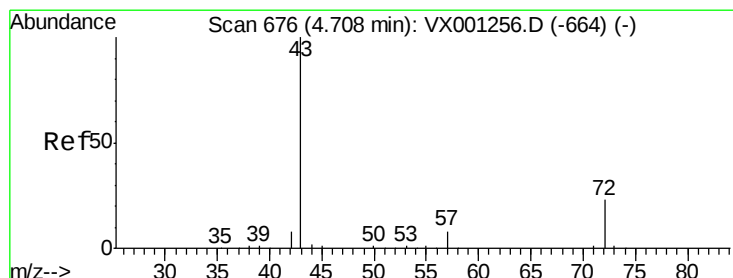
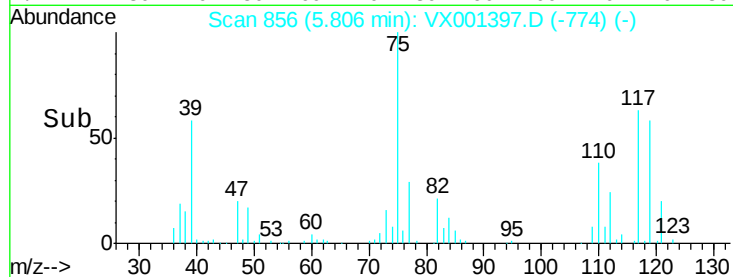
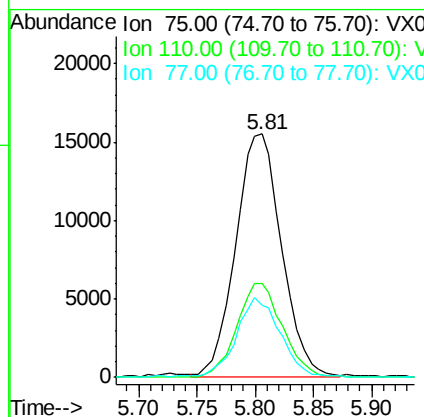
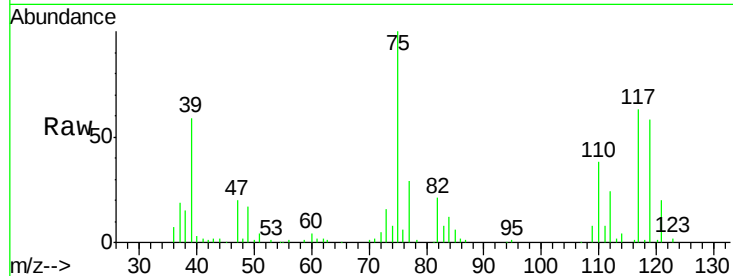
#29
 1,1-Dichloropropene
 Concen: 18.560 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.1	0.0	75.6
77	31.3	0.0	62.6

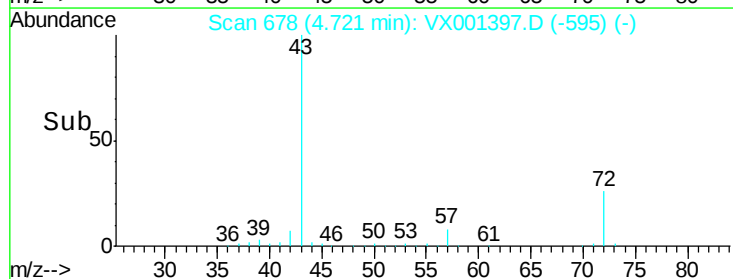
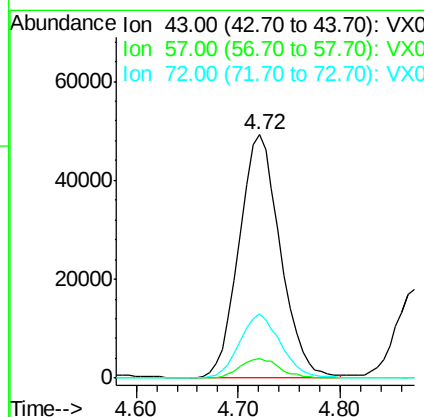
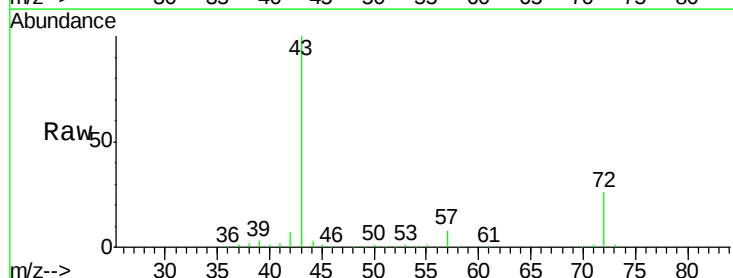
Manual Integrations
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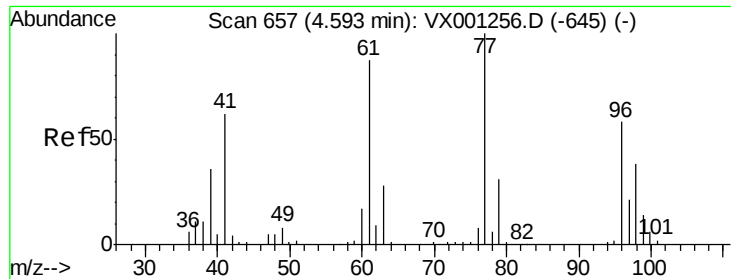
MMDadoda
 5/7/2018 7:28:02 PM



#30
 2-Butanone
 Concen: 116.895 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	10.0
72	26.4	21.8	32.6





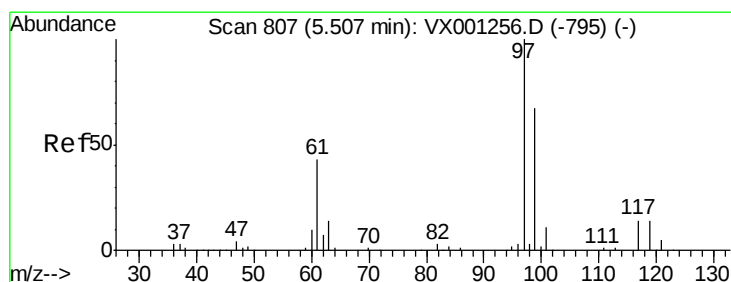
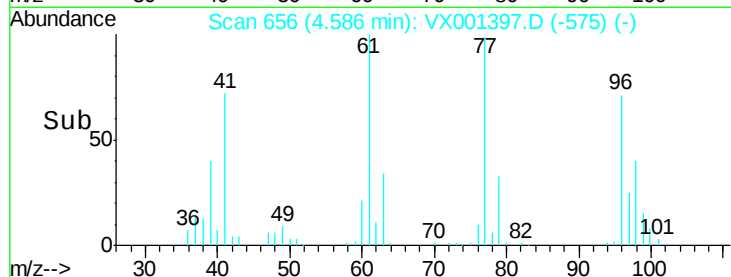
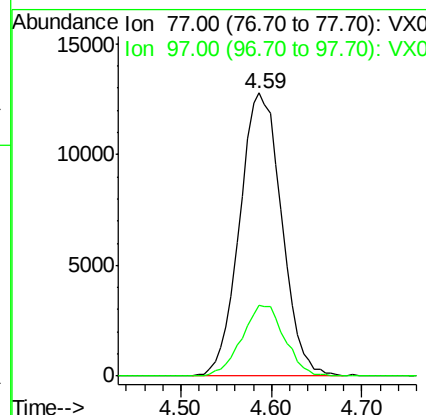
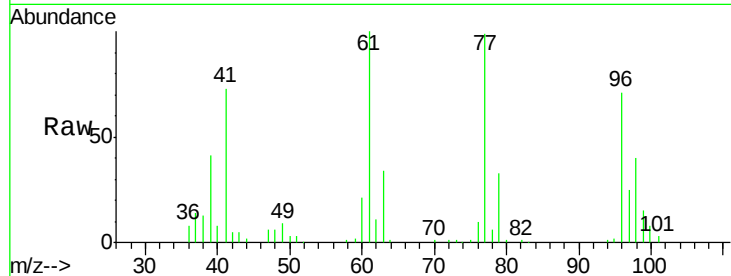
#31
 2,2-Dichloropropane
 Concen: 16.317 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion: 77 Resp: 41018
 Ion Ratio Lower Upper
 77 100
 97 25.4 18.6 27.8

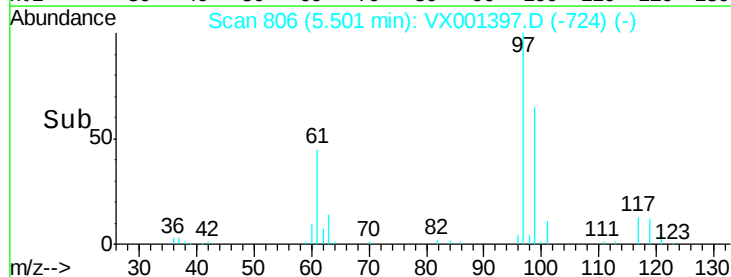
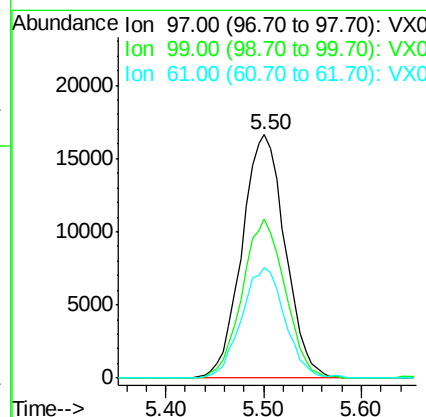
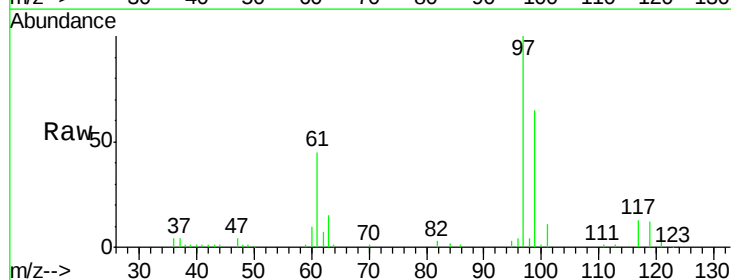
Manual Integrations
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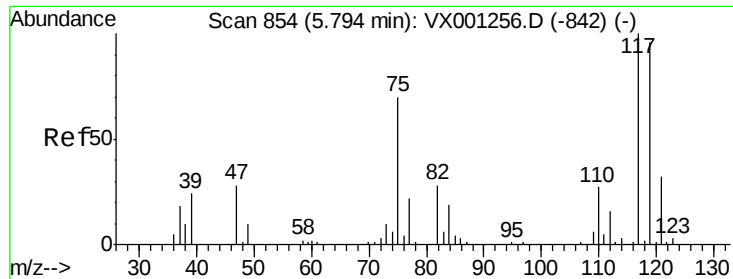
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#32
 1,1,1-Trichloroethane
 Concen: 18.275 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 97 Resp: 50916
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.3 78.5
 61 45.3 34.3 51.5





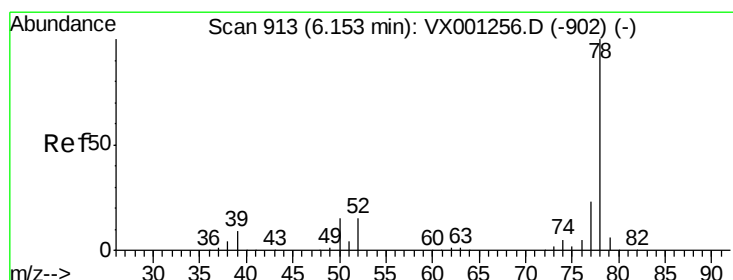
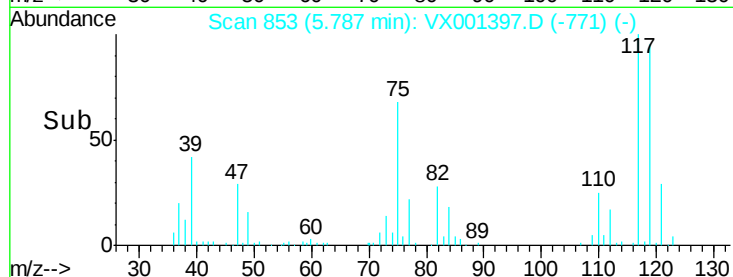
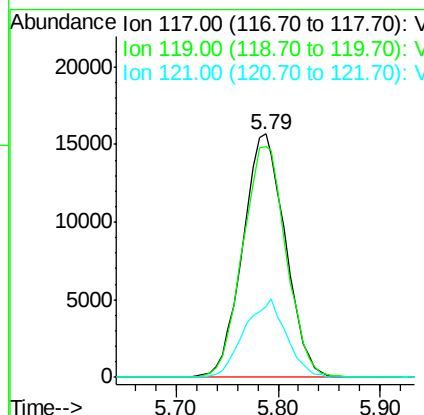
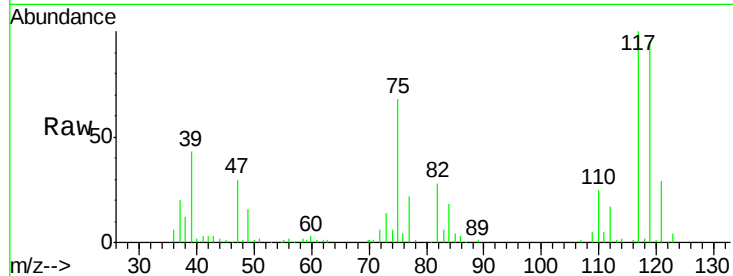
#33
Carbon Tetrachloride
Concen: 18.109 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.9	73.5	110.3
121	28.9	24.6	37.0

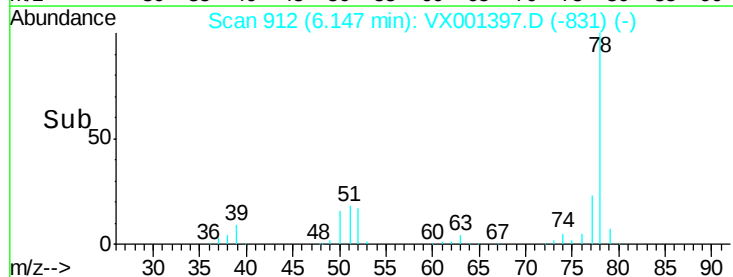
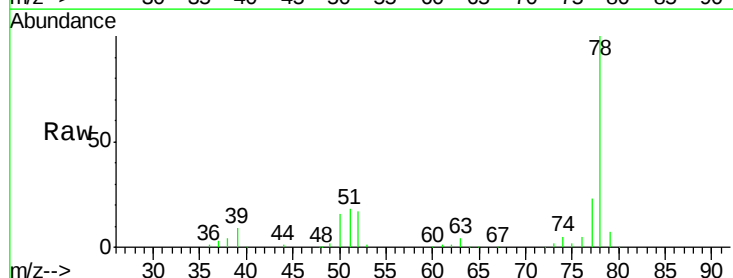
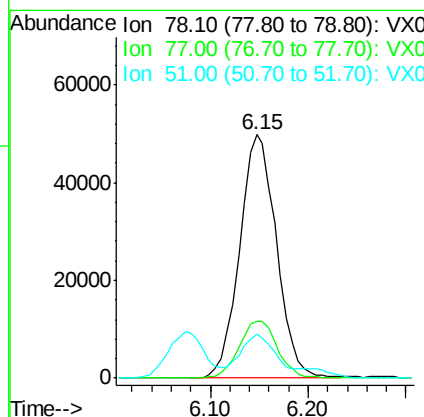
Manual Integrations
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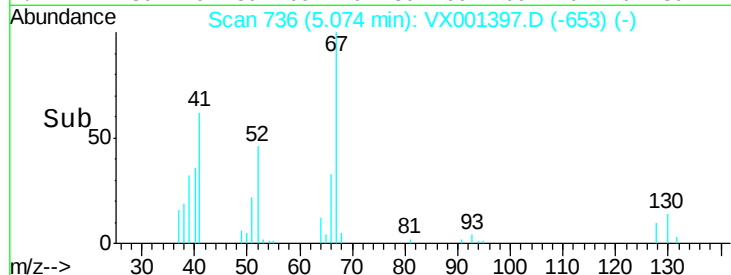
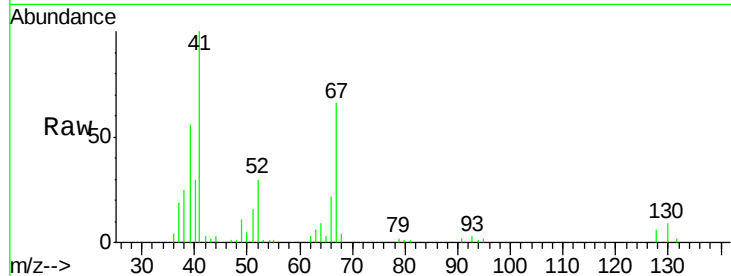
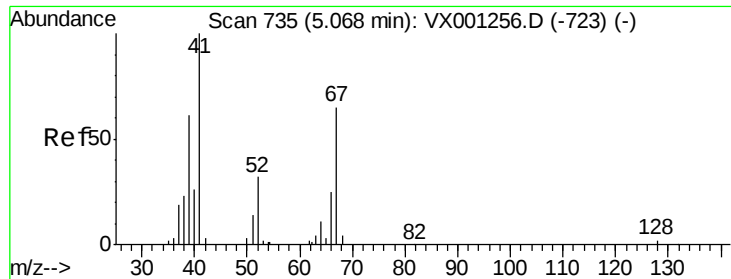
MMDadoda
5/7/2018 7:28:02 PM



#34
Benzene
Concen: 19.062 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

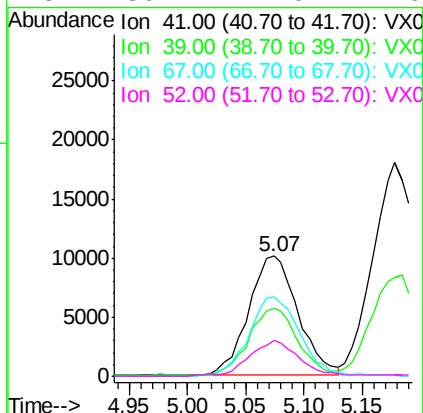
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	21.7	32.5
51	16.7	14.9	22.3





#35
Methacrylonitrile
Concen: 22.782 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

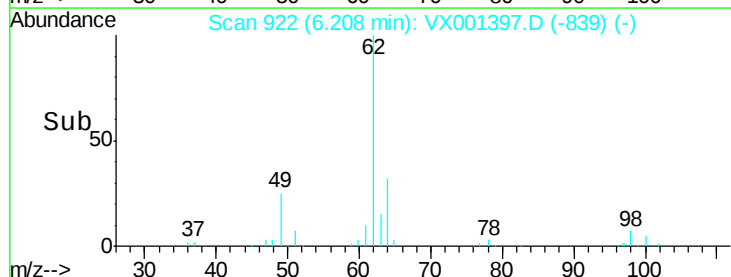
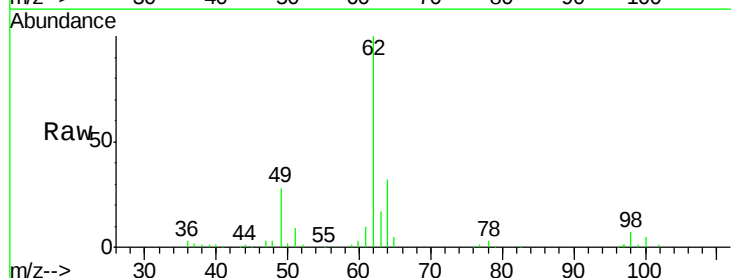
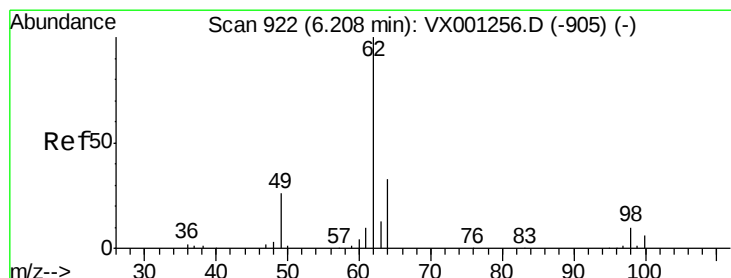
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.9	29.8	89.3		
67	66.2	28.7	86.3		
52	30.4	14.0	41.9		



Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

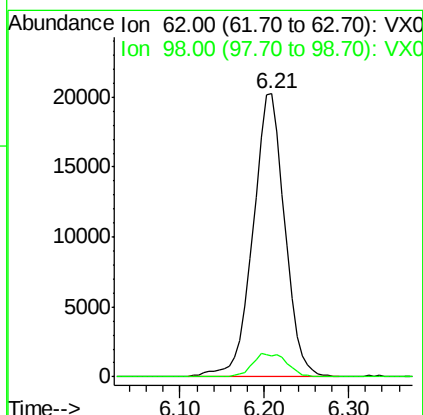
Manual Integrations
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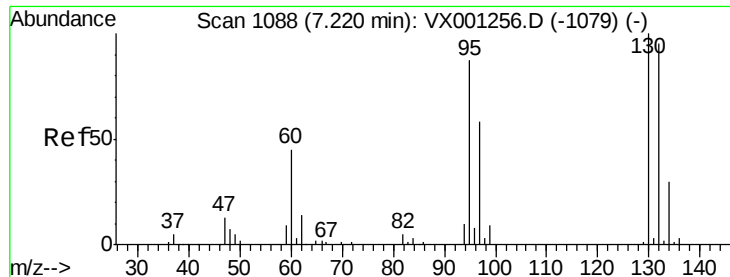
MMDadoda
5/7/2018 7:28:02 PM



#36
1,2-Dichloroethane
Concen: 19.955 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.8	6.9	10.3		





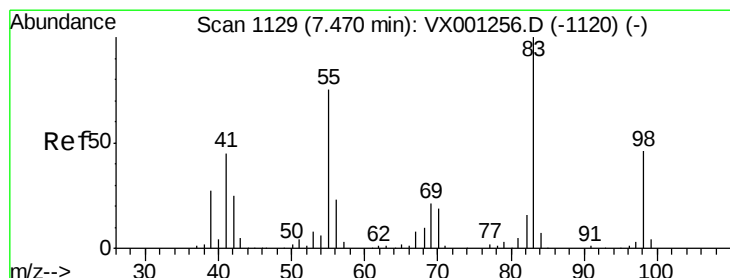
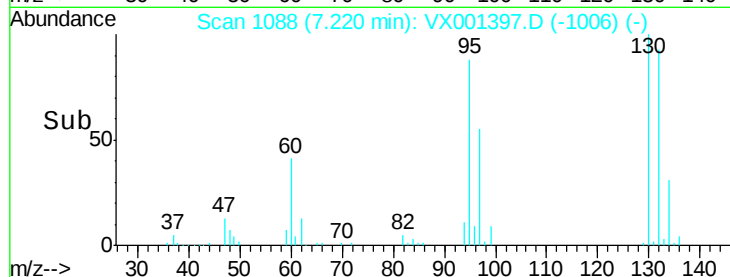
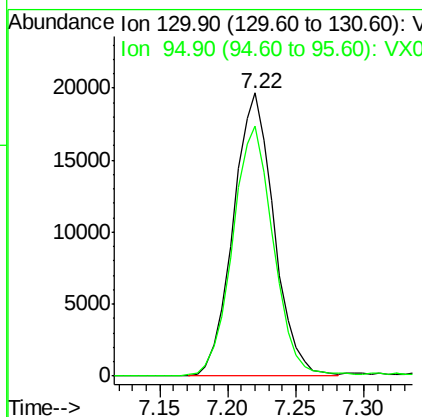
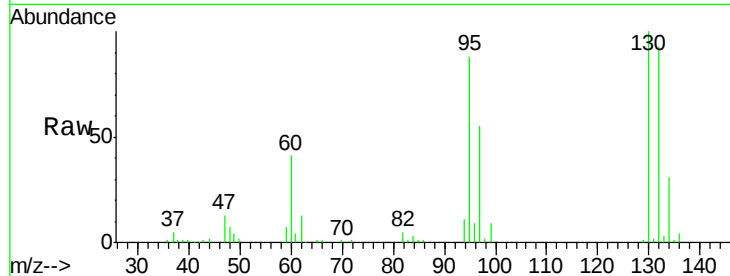
#37
 Trichloroethene
 Concen: 19.816 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion:130 Resp: 40999
 Ion Ratio Lower Upper
 130 100
 95 87.8 74.6 112.0

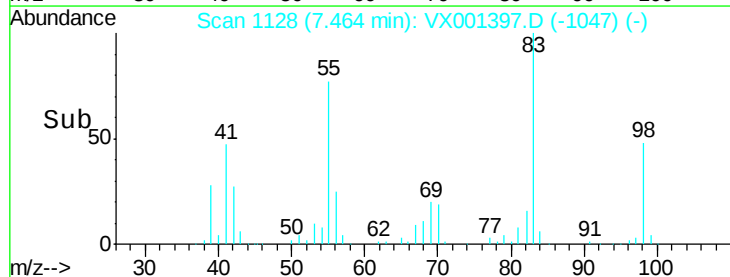
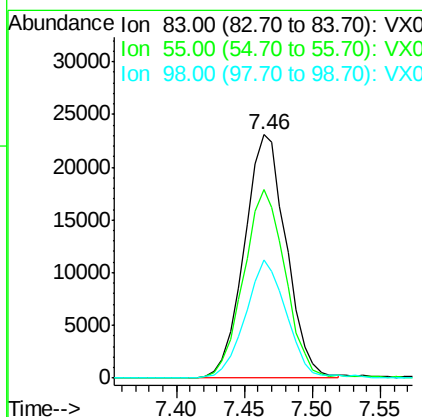
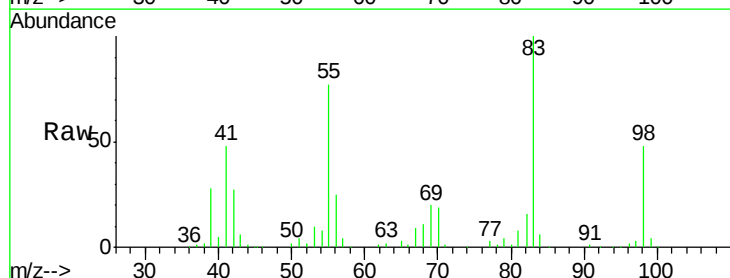
Manual Integrations
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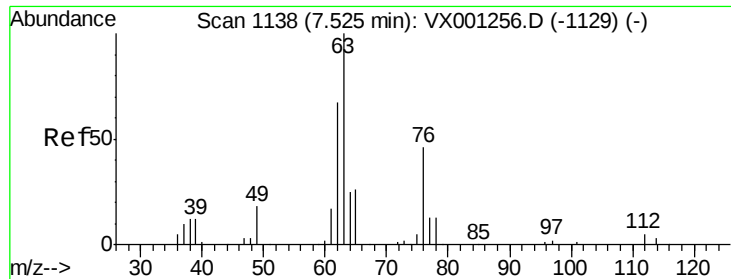
MMDadoda
 5/7/2018 7:28:02 PM



#38
 Methylcyclohexane
 Concen: 18.377 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 83 Resp: 49793
 Ion Ratio Lower Upper
 83 100
 55 77.0 35.9 107.7
 98 47.1 24.6 74.0





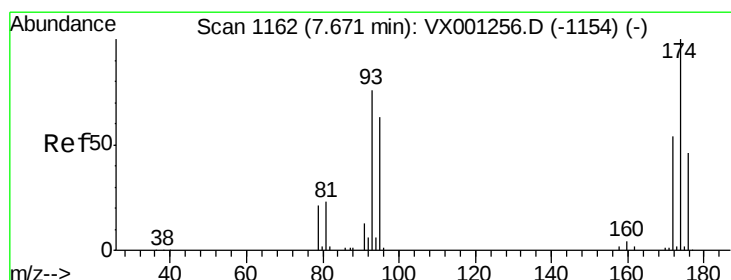
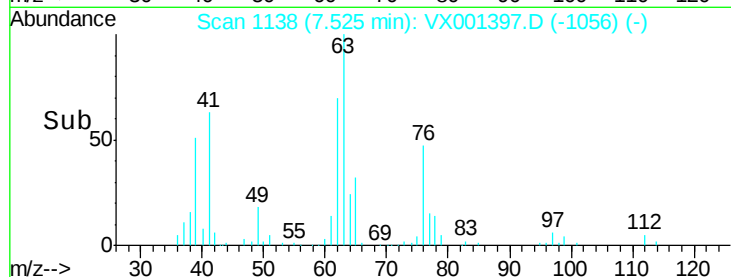
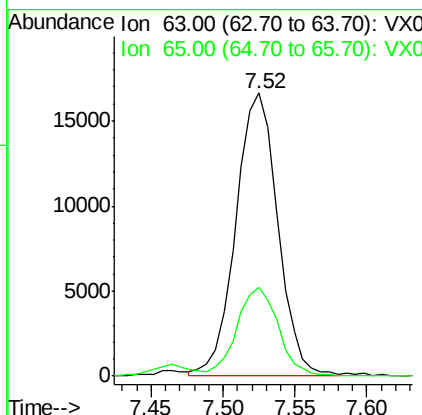
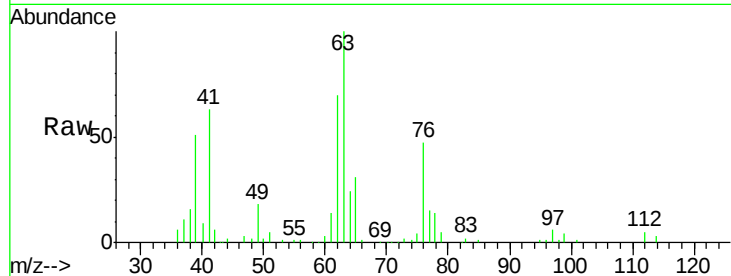
#39
 1,2-Dichloropropane
 Concen: 19.487 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion: 63 Resp: 33719
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6

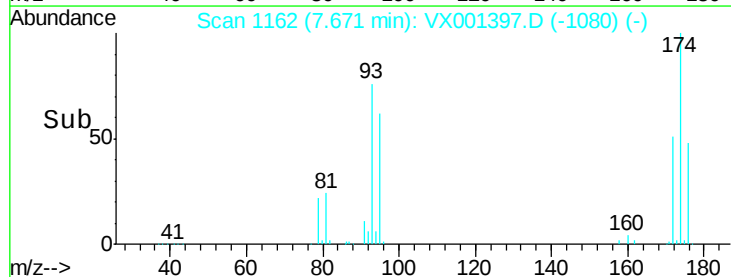
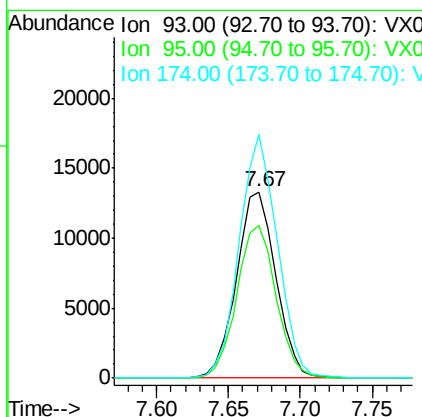
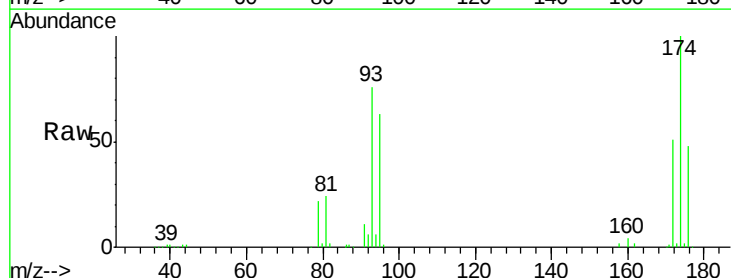
Manual Integrations
 APPROVED

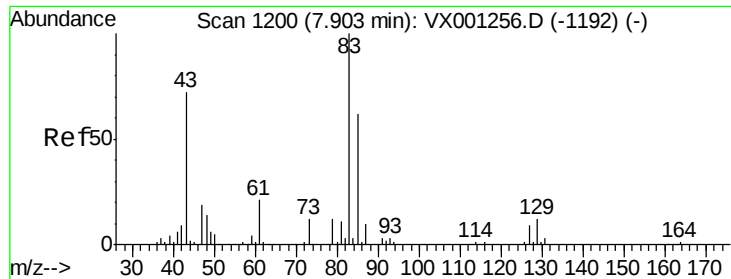
MMDadoda
 5/7/2018 7:28:02 PM



#40
 Dibromomethane
 Concen: 20.747 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion: 93 Resp: 25256
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 170.6
 174 126.8 0.0 210.4





#41

Bromodichloromethane

Concen: 18.617 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

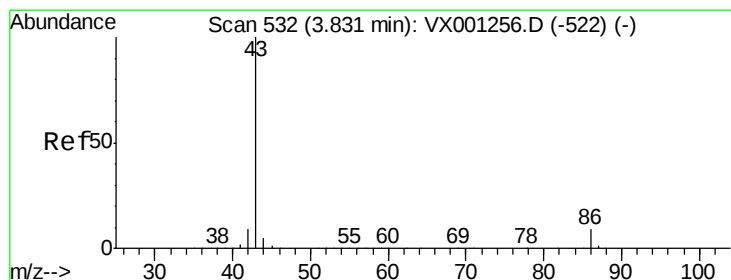
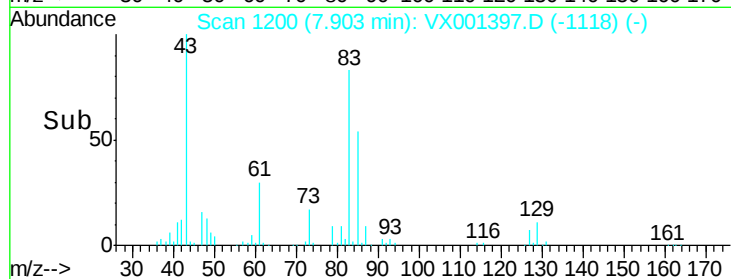
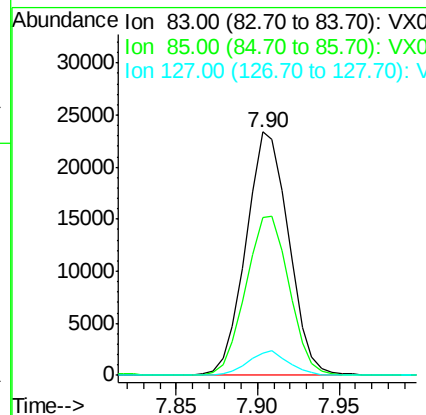
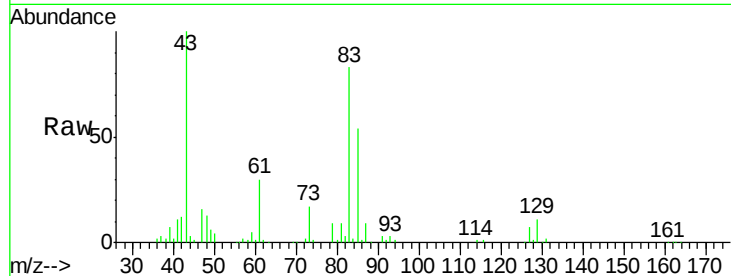
ClientSampleId :

VX0504WBSD01

Tot Ion:	83	Resp:	42814
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.0	75.0
127	9.8	6.6	10.0

Manual Integrations
APPROVED

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5/7/2018 7:28:02 PM



#42

Vinyl Acetate

Concen: 106.799 ug/l

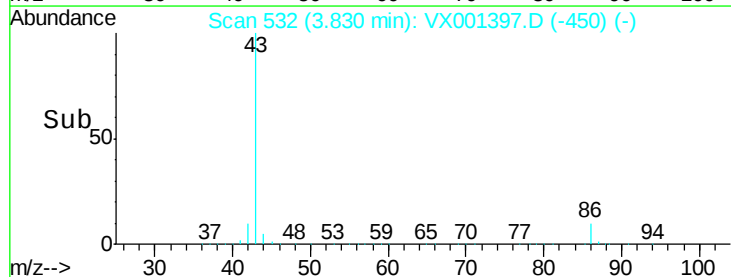
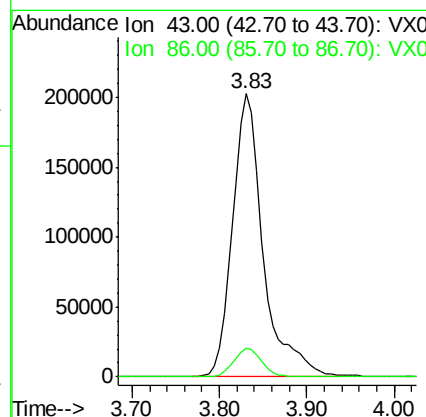
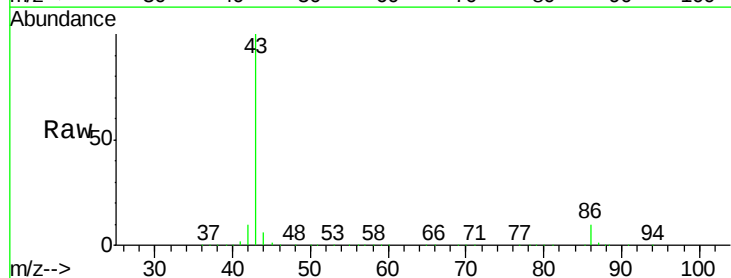
RT: 3.83 min Scan# 532

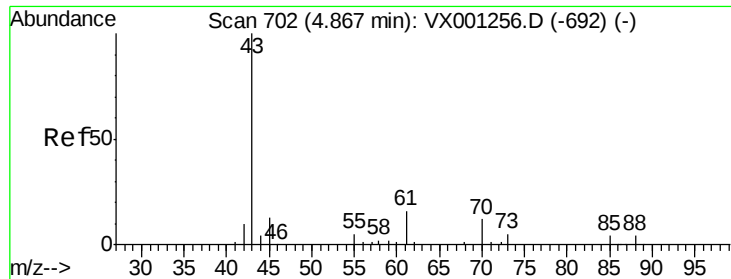
Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion:	43	Resp:	495721
Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.8	11.6





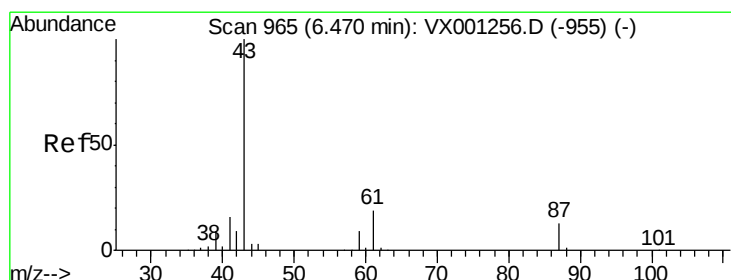
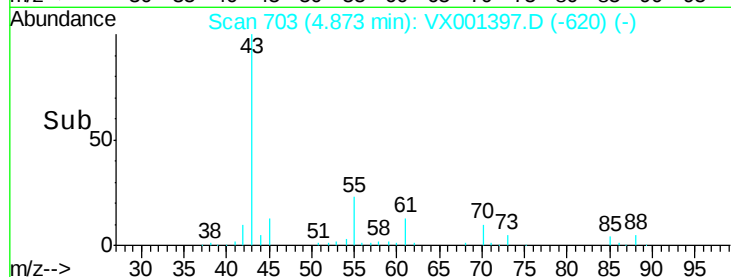
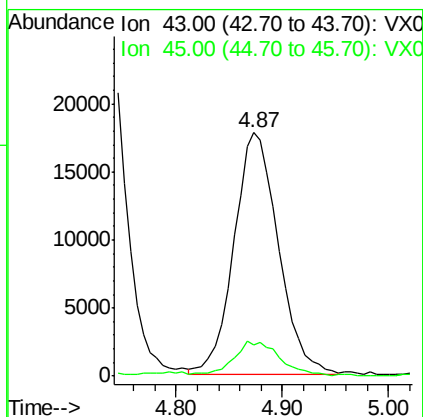
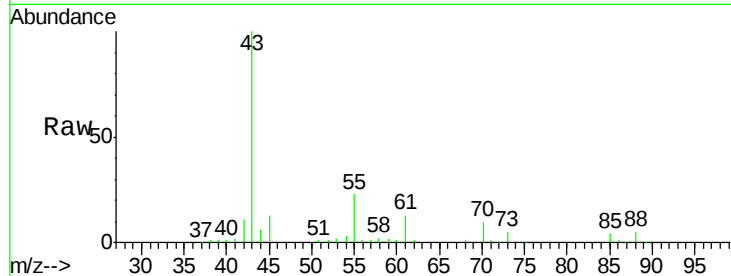
#43
Ethyl Acetate
Concen: 22.861 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion: 43 Resp: 51949
Ion Ratio Lower Upper
43 100
45 15.4 11.4 17.0

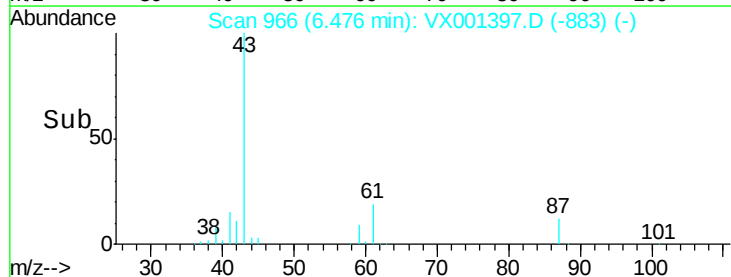
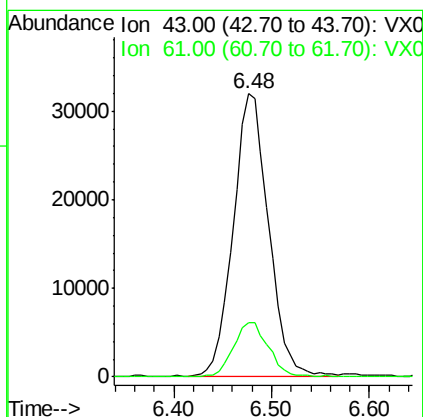
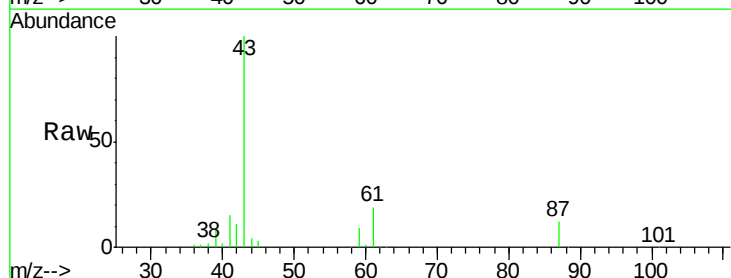
Manual Integrations
APPROVED

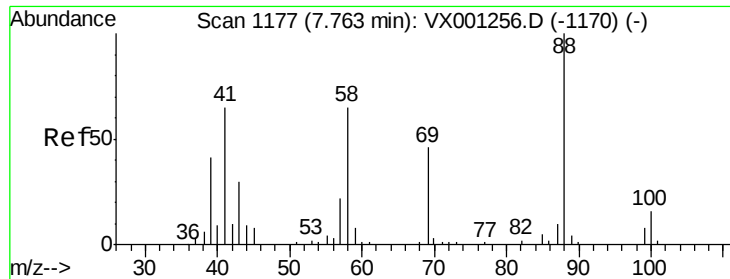
MMDadoda
5/7/2018 7:28:02 PM



#44
Isopropyl Acetate
Concen: 20.634 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 43 Resp: 79783
Ion Ratio Lower Upper
43 100
61 19.1 15.7 23.5





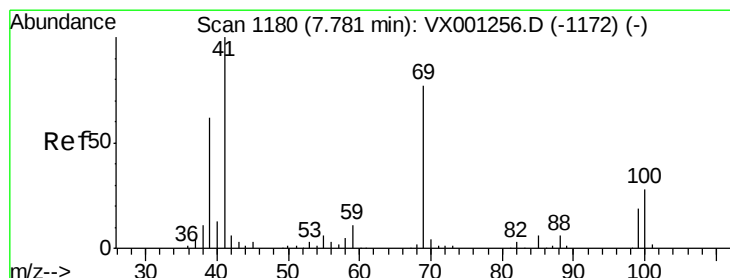
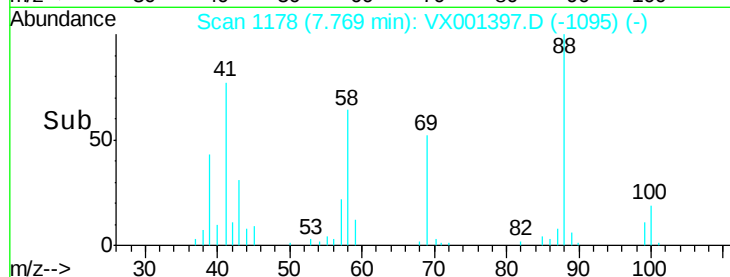
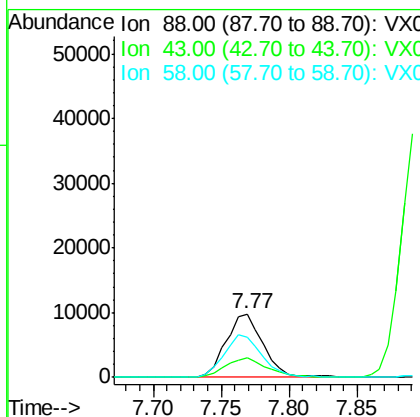
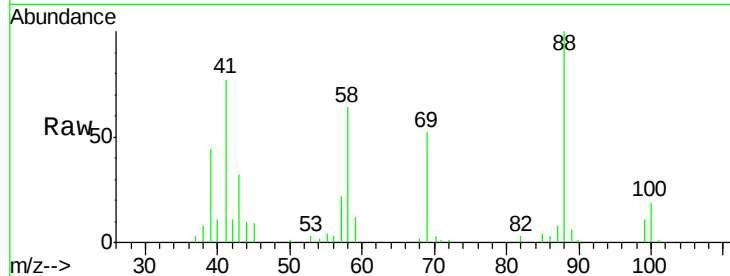
#45
 1,4-Dioxane
 Concen: 527.547 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.8	40.2
58	68.3	52.1	78.1

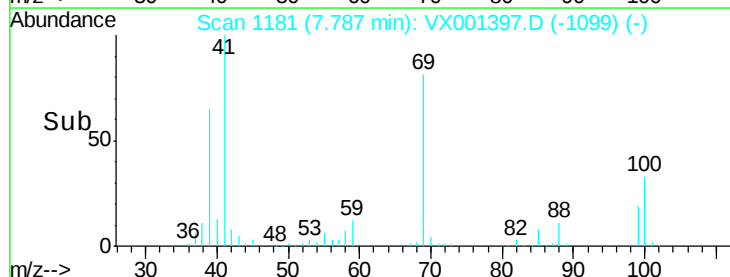
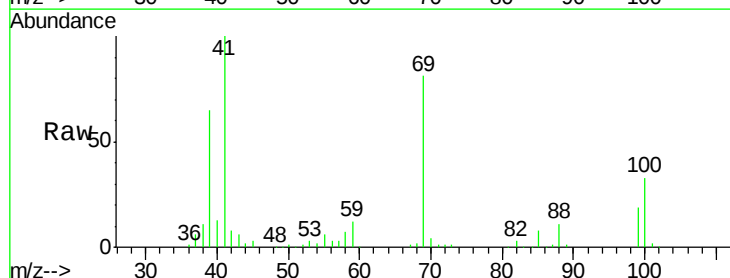
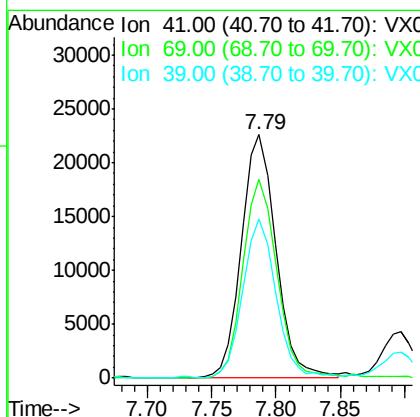
Manual Integrations
 APPROVED

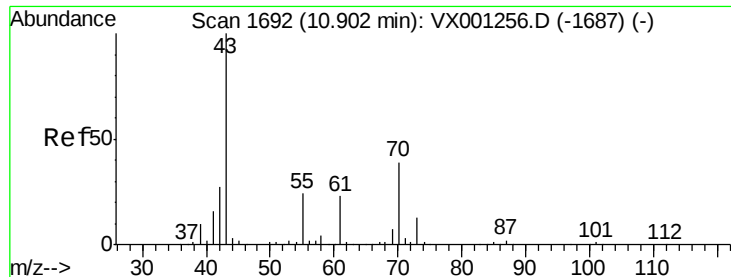
MMDadoda
 5/7/2018 7:28:02 PM



#46
 Methyl methacrylate
 Concen: 20.977 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.4	45.5	136.5
39	64.5	32.5	97.5





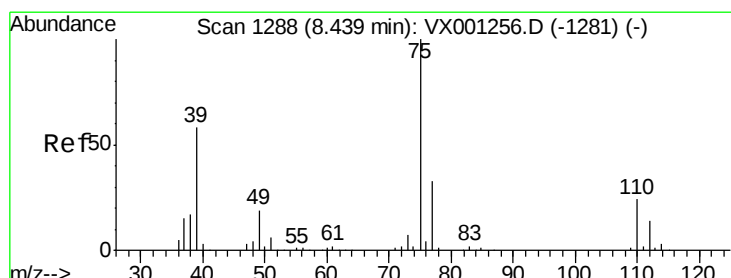
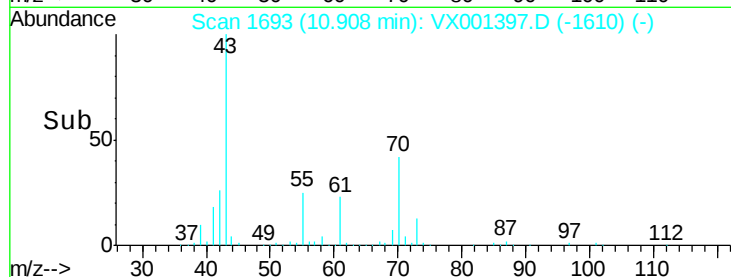
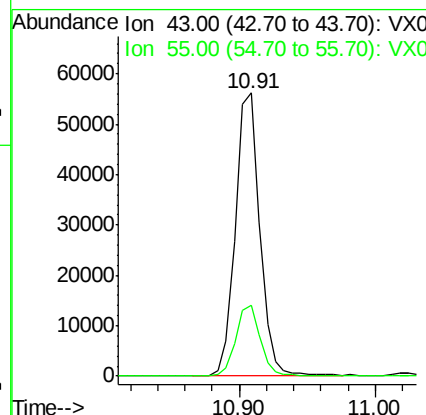
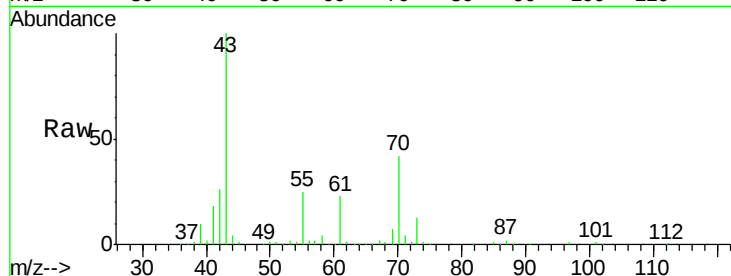
#47
n-amvl Acetate
Concen: 19.043 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion: 43 Resp: 70660
Ion Ratio Lower Upper
43 100
55 24.8 19.4 29.2

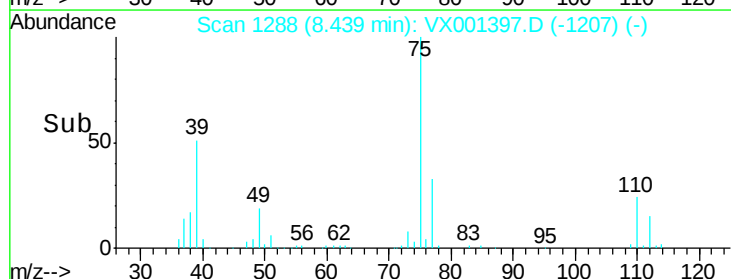
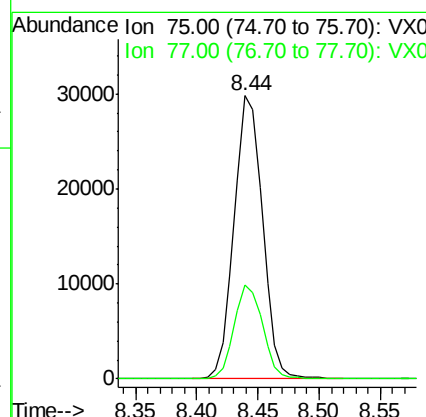
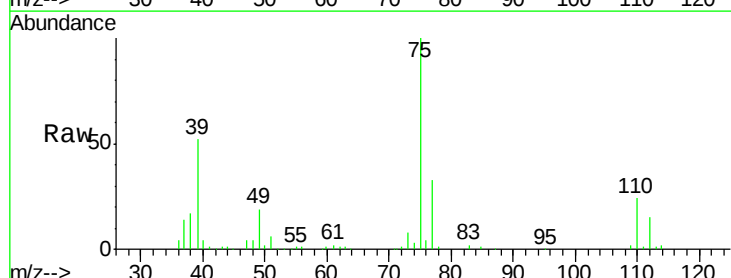
Manual Integrations
APPROVED

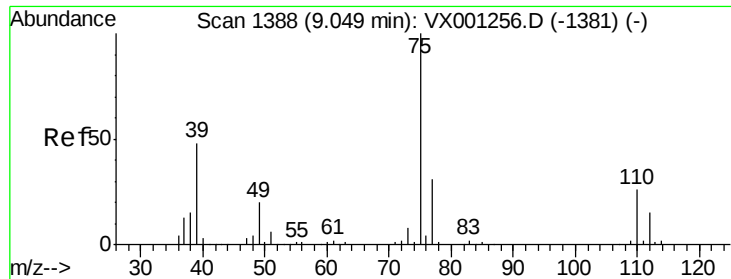
MMDadoda
5/7/2018 7:28:02 PM



#48
t-1,3-Dichloropropene
Concen: 17.750 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 75 Resp: 48055
Ion Ratio Lower Upper
75 100
77 33.4 24.6 37.0





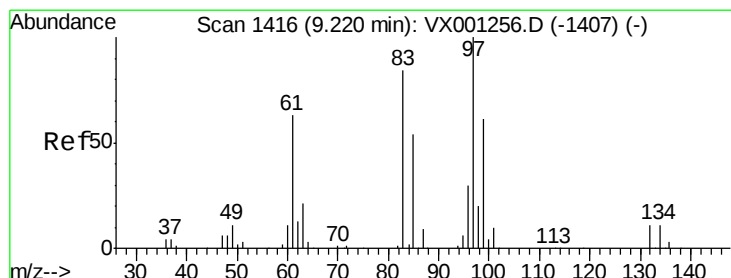
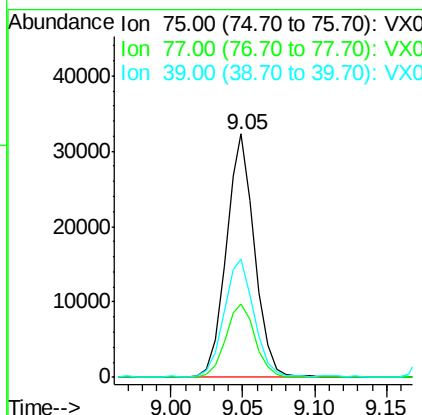
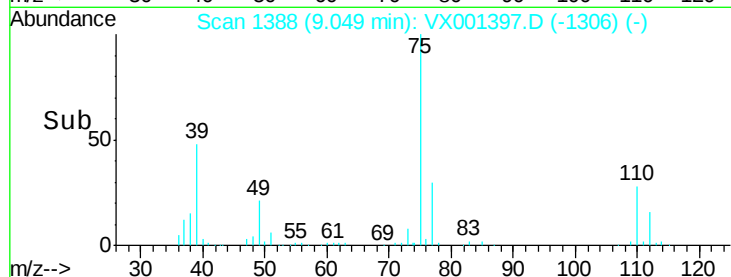
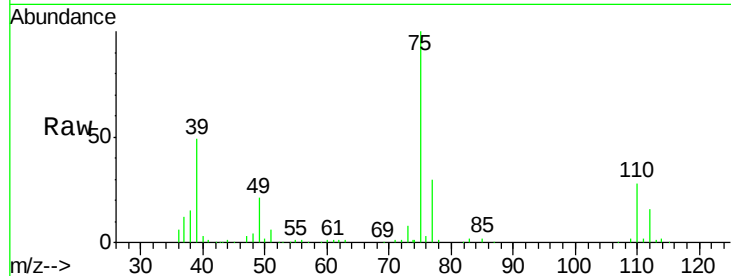
#49
 cis-1,3-Dichloropropene
 Concen: 17.083 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.5	36.7
39	48.4	35.6	53.4

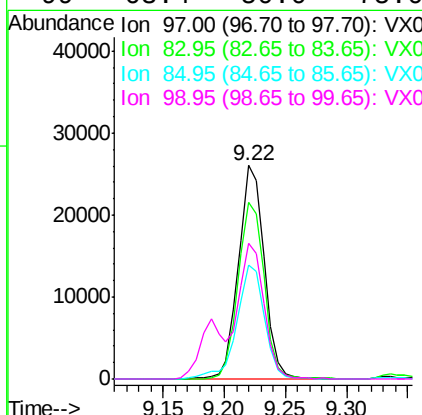
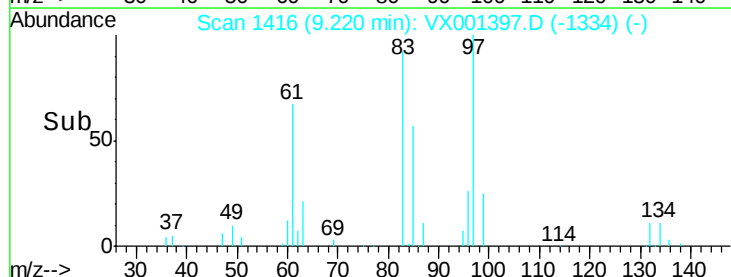
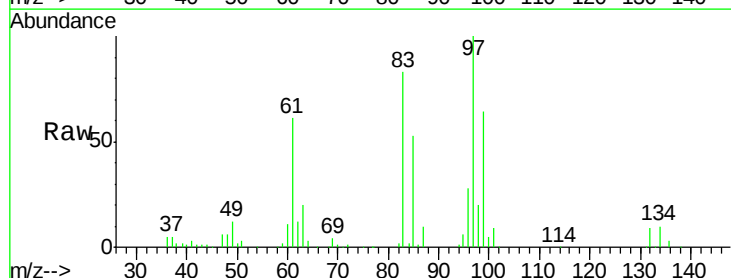
Manual Integrations
 APPROVED

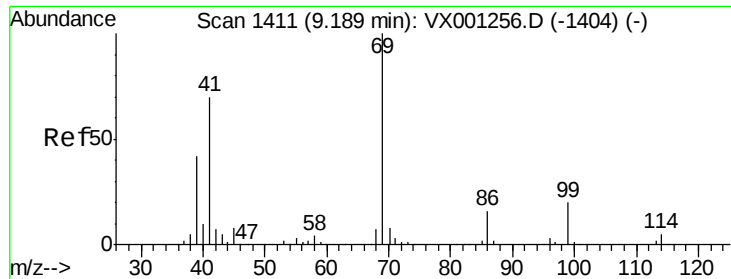
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#50
 1,1,2-Trichloroethane
 Concen: 21.003 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.9	100.3
85	53.5	44.4	66.6
99	63.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.843 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

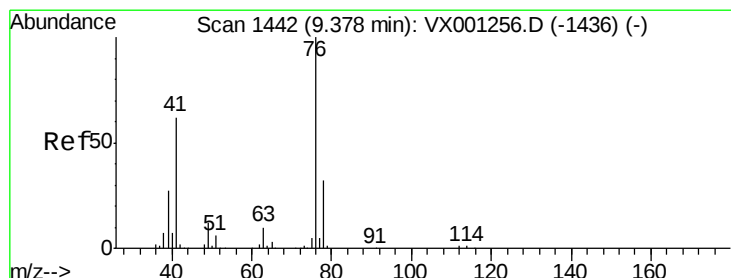
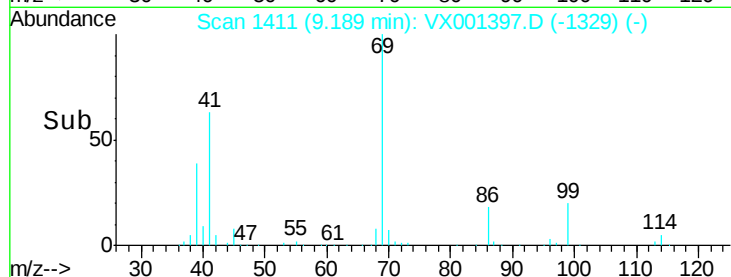
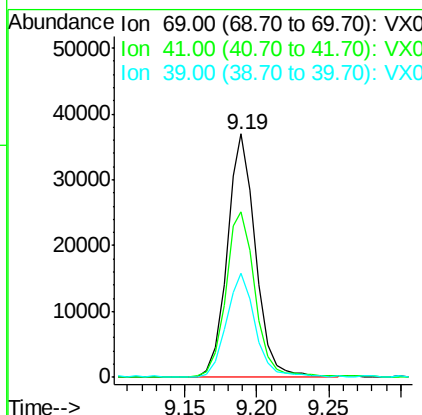
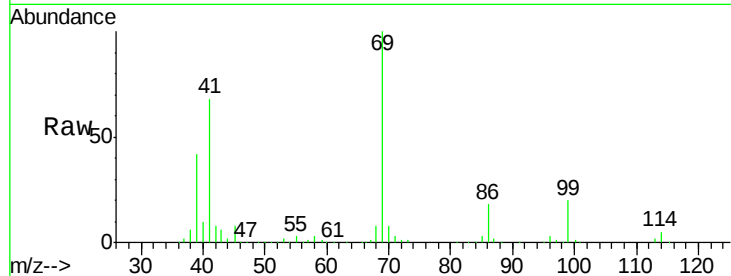
ClientSampleID :

VX0504WBSD01

Tot Ion:	69	Resp:	51116
Ion	Ratio	Lower	Upper
69	100		
41	67.7	32.1	96.3
39	42.3	19.6	58.7

Manual Integrations
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5/7/2018 7:28:02 PM



#52

1,3-Dichloropropane

Concen: 20.789 ug/l

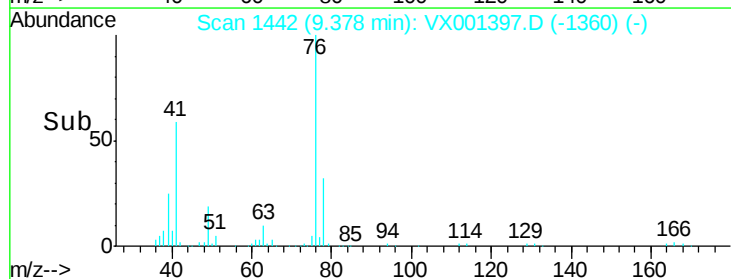
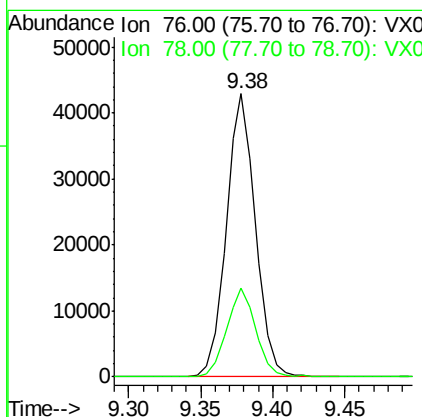
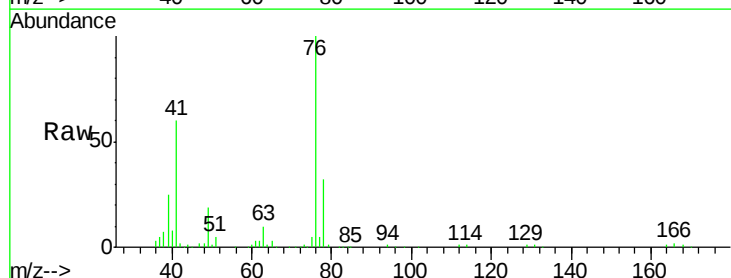
RT: 9.38 min Scan# 1442

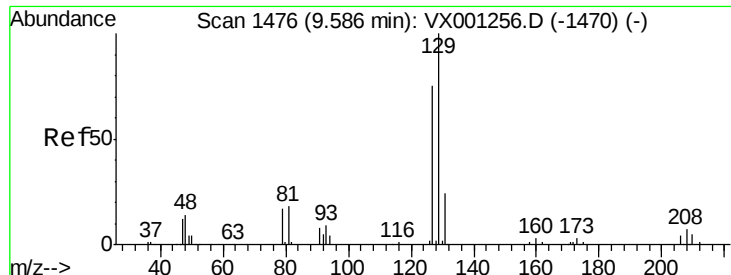
Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion:	76	Resp:	60755
Ion	Ratio	Lower	Upper
76	100		
78	31.5	0.0	65.0





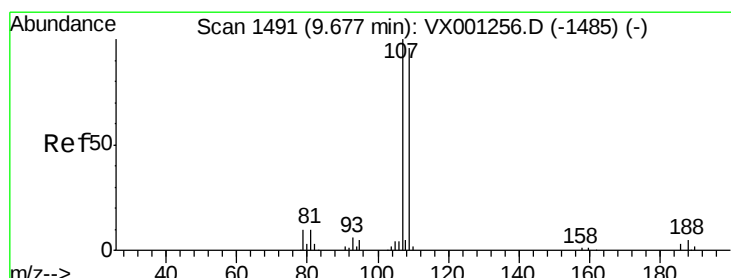
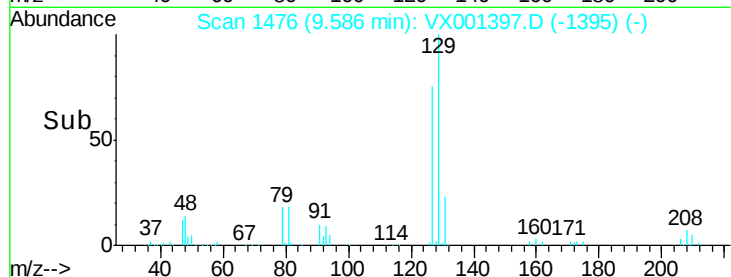
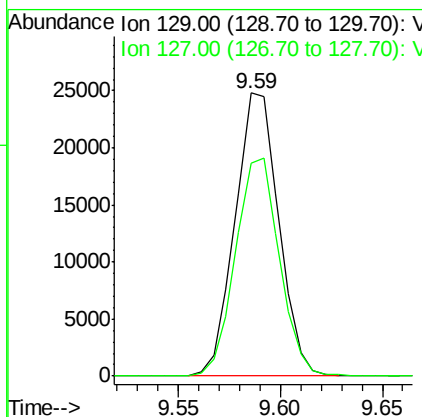
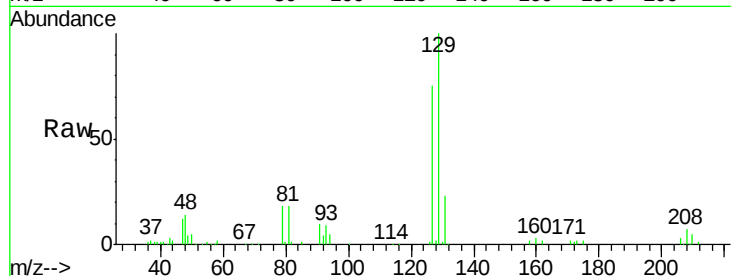
#53
 Dibromochloromethane
 Concen: 18.499 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion:129 Resp: 36913
 Ion Ratio Lower Upper
 129 100
 127 77.4 37.5 112.5

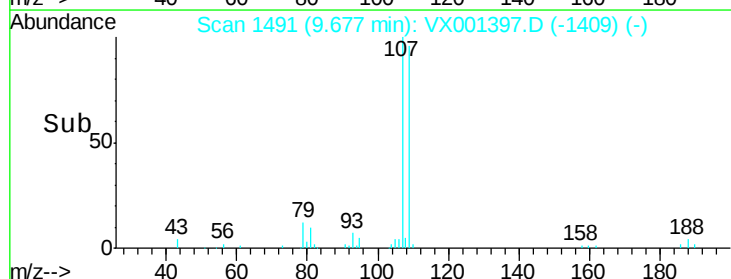
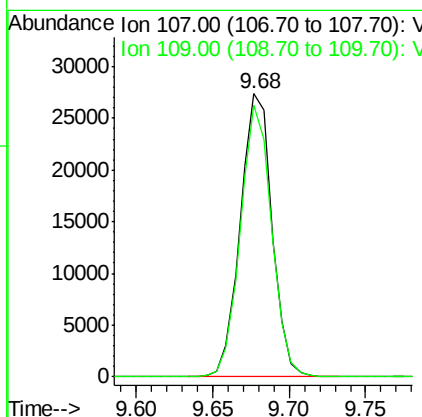
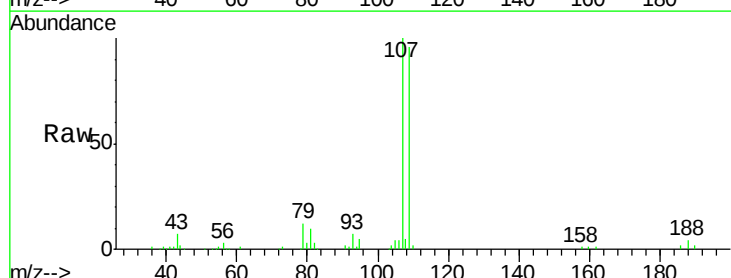
Manual Integrations
 APPROVED

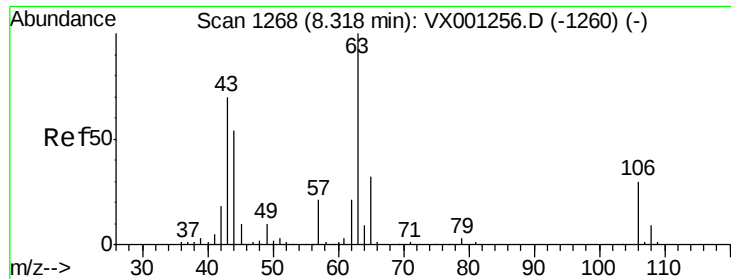
MMDadoda
 5/7/2018 7:28:02 PM



#54
 1,2-Dibromoethane
 Concen: 20.379 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion:107 Resp: 39434
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.5 111.7





#55

2-Chloroethyl vinyl ether

Concen: 104.740 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

Tot Ion: 63 Resp: 132172

Ion Ratio Lower Upper

63 100

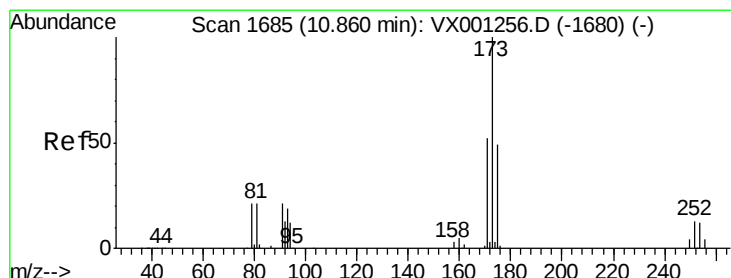
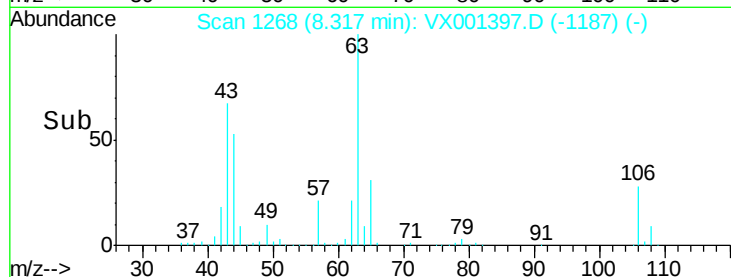
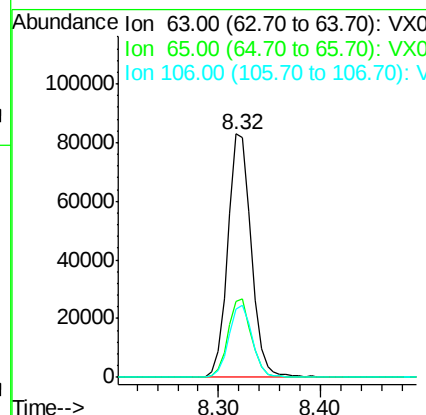
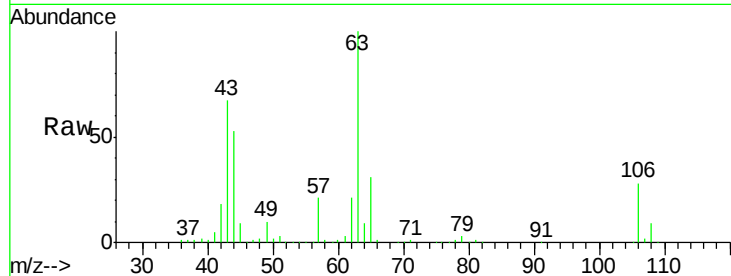
65 32.0 25.8 38.8

106 29.7 23.8 35.6

Manual Integrations
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#56

Bromoform

Concen: 18.214 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

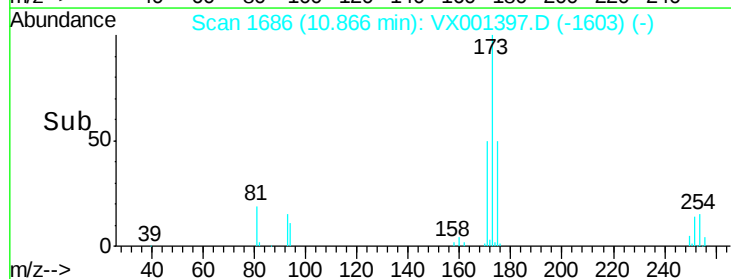
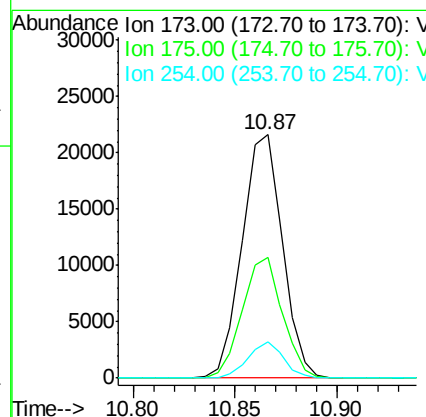
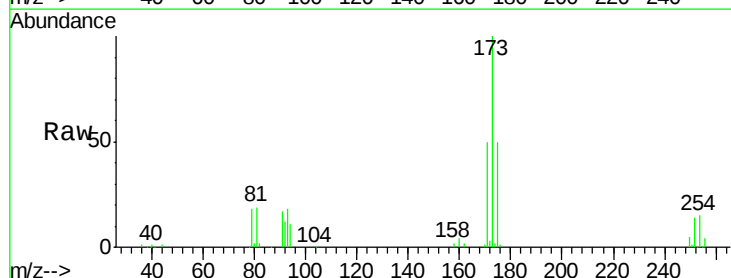
Tgt Ion:173 Resp: 29747

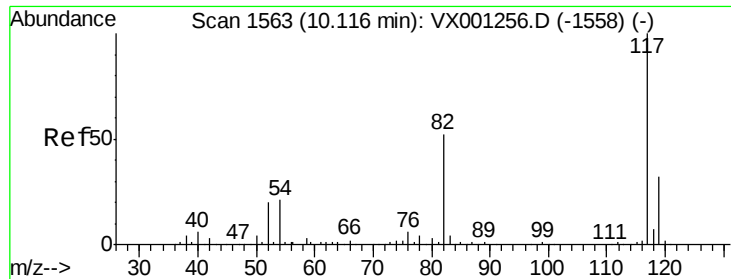
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 13.2 7.0 10.4#





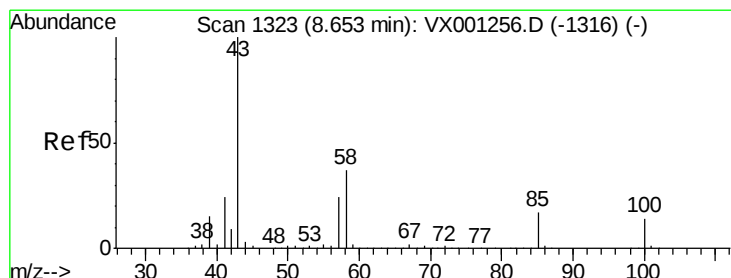
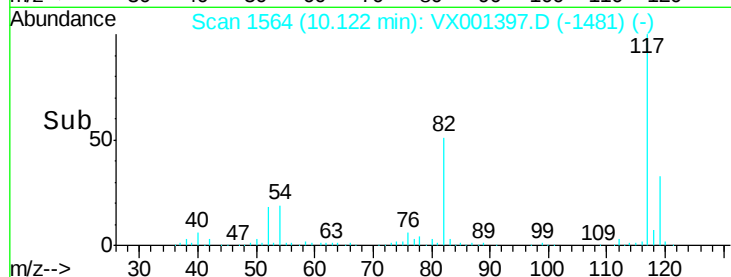
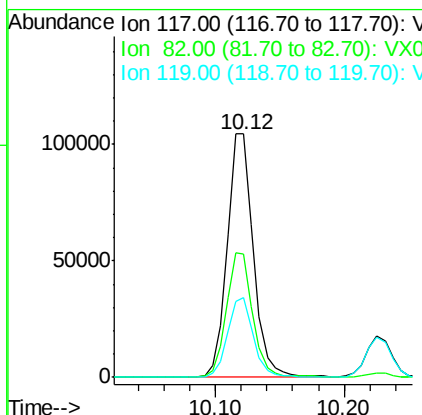
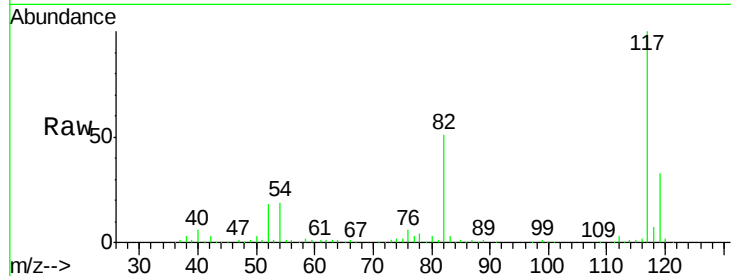
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.0	64.4
119	32.3	25.8	38.8

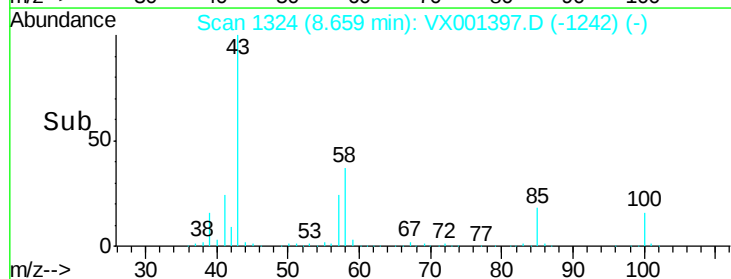
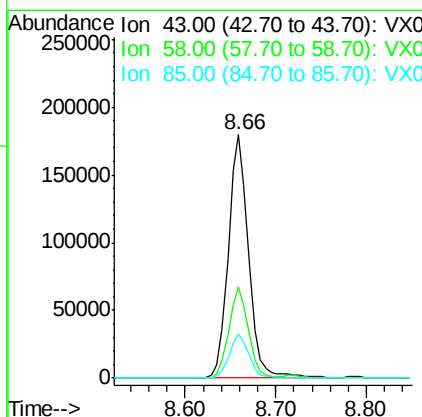
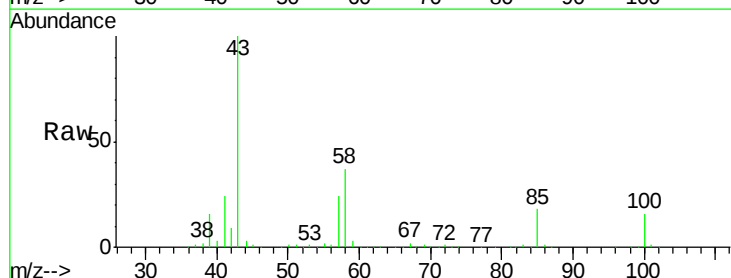
Manual Integrations
APPROVED

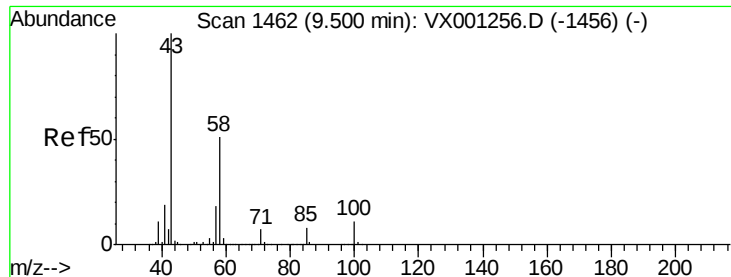
MMDadoda
5/7/2018 7:28:02 PM



#58
4-Methyl-2-Pentanone
Concen: 113.255 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.8	44.8
85	17.6	14.9	22.3





#59

2-Hexanone

Concen: 110.080 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

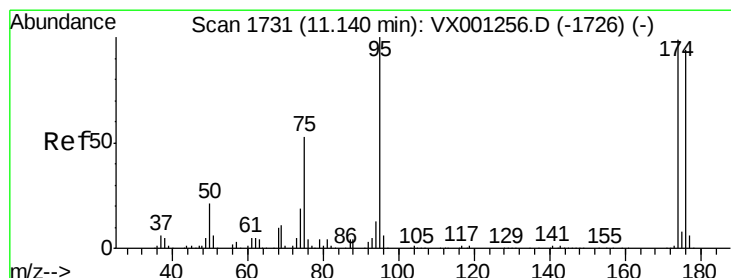
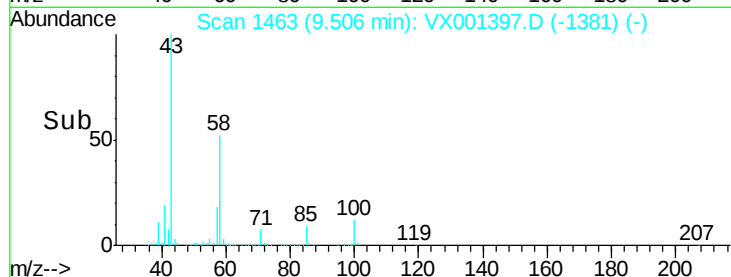
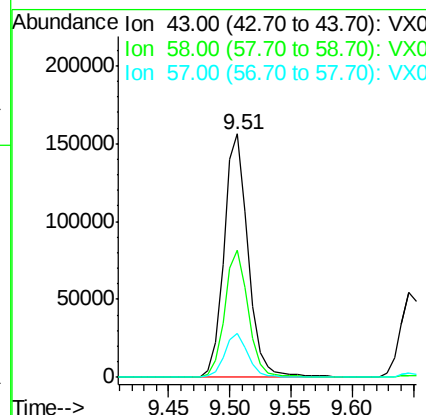
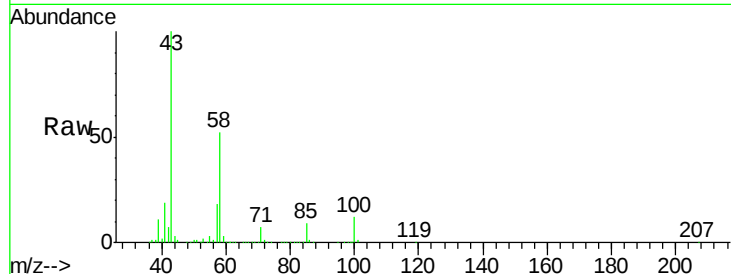
ClientSampleId :

VX0504WBSD01

Tot Ion:	43	Resp:	213167
Ion Ratio	Lower	Upper	
43	100		
58	51.5	43.0	64.6
57	18.0	14.4	21.6

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#60

4-Bromofluorobenzene

Concen: 28.320 ug/l

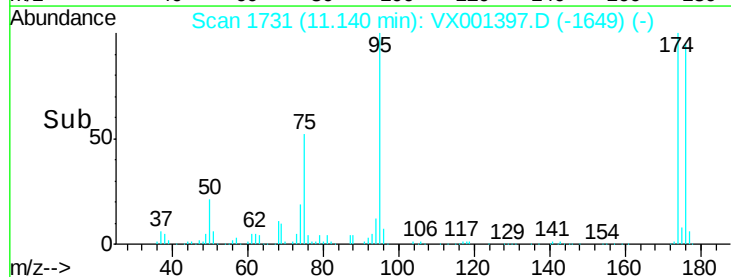
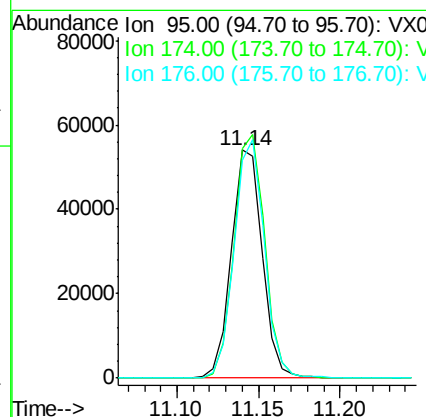
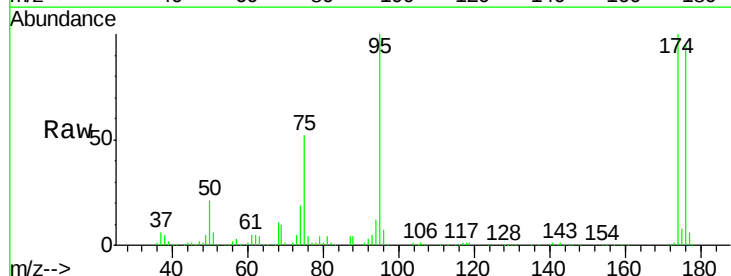
RT: 11.14 min Scan# 1731

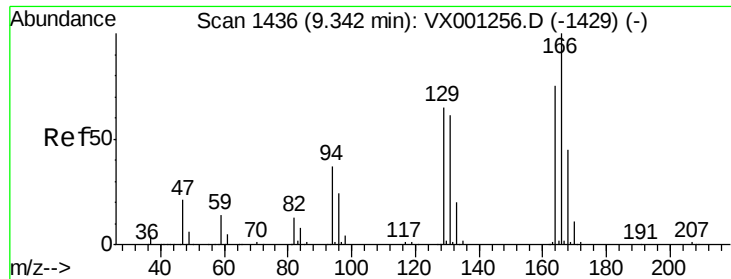
Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion:	95	Resp:	71051
Ion Ratio	Lower	Upper	
95	100		
174	106.2	71.1	106.7
176	102.1	69.3	103.9





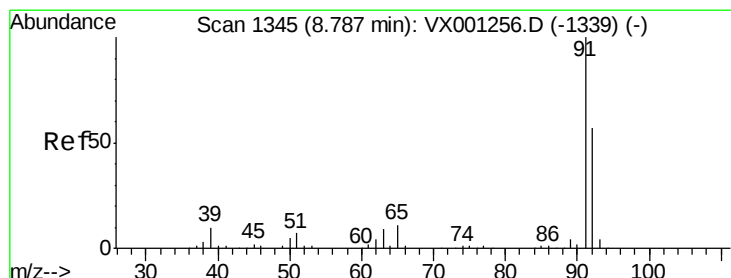
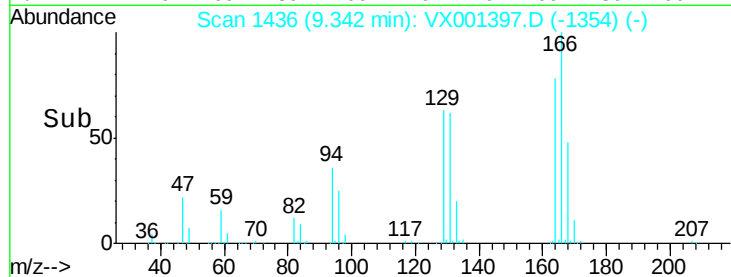
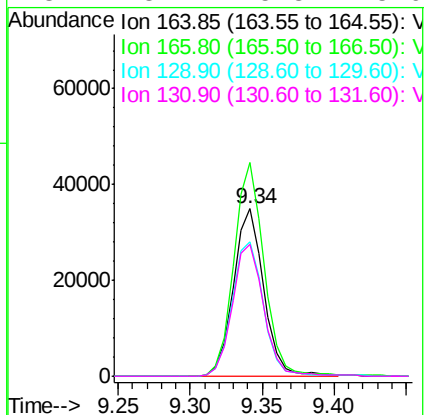
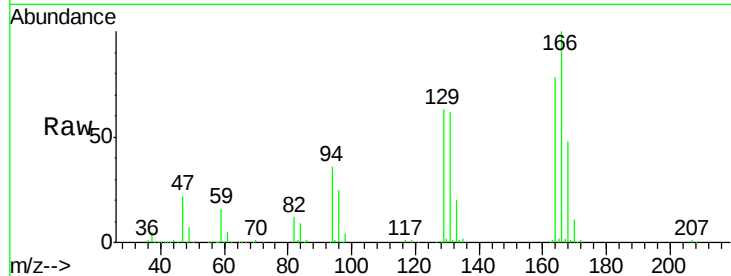
#61
Tetrachloroethene
Concen: 22.352 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.6	99.0	148.4
129	80.5	77.0	115.6
131	78.7	75.8	113.6

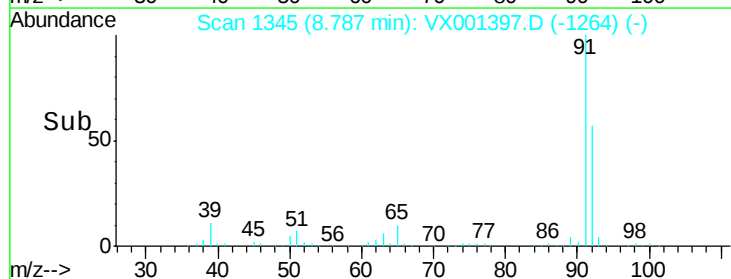
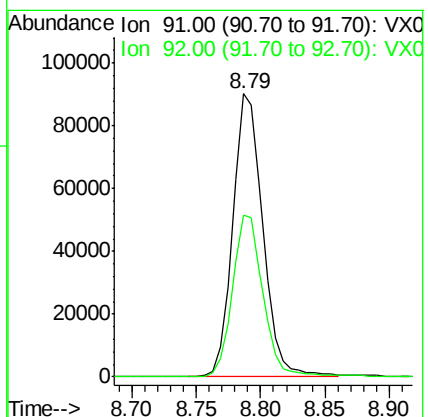
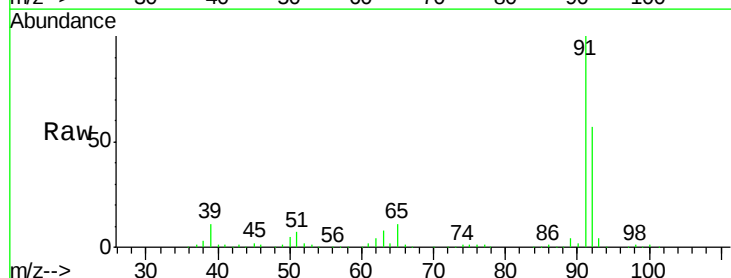
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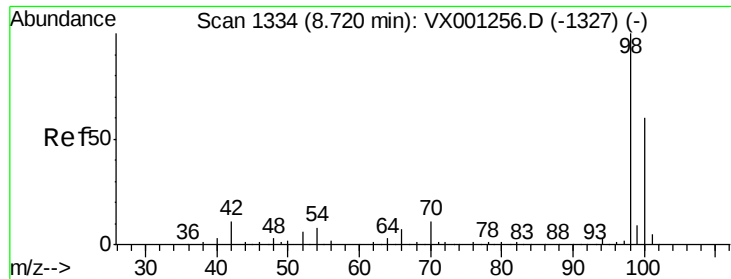
MMDadoda
5/7/2018 7:28:02 PM



#62
Toluene
Concen: 18.227 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	45.4	68.0





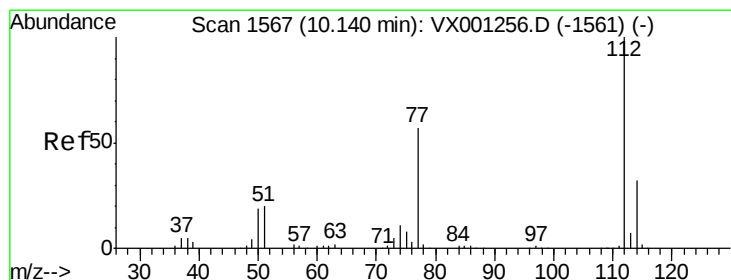
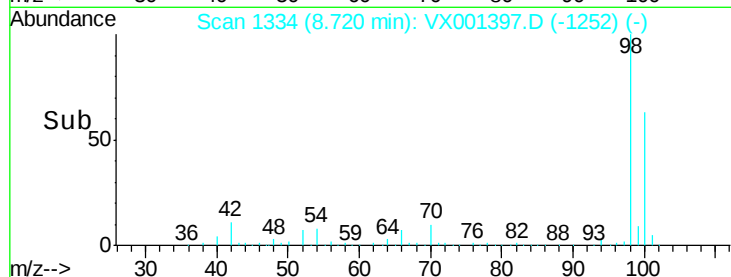
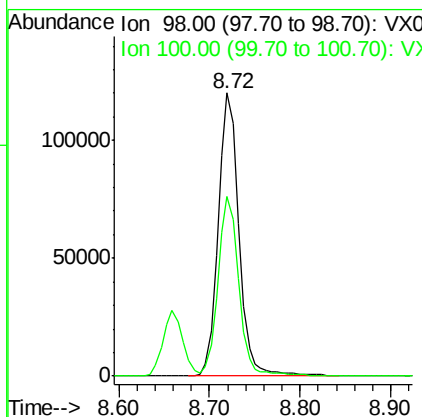
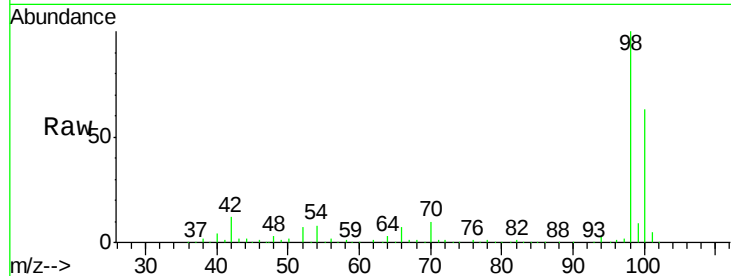
#63
Toluene-d8
Concen: 29.843 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion: 98 Resp: 191647
Ion Ratio Lower Upper
98 100
100 62.0 50.0 75.0

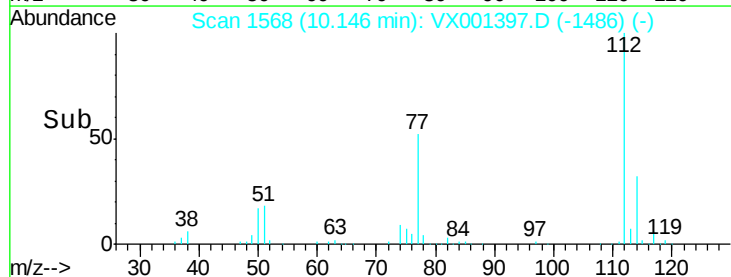
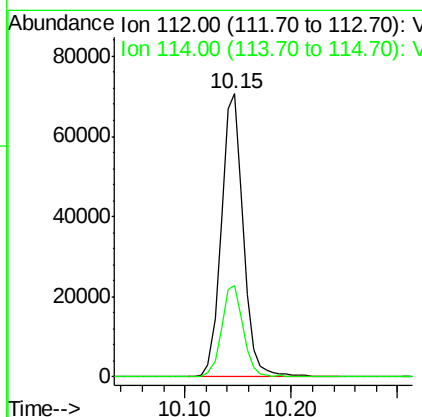
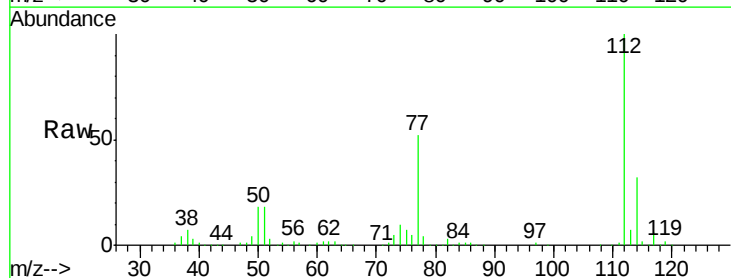
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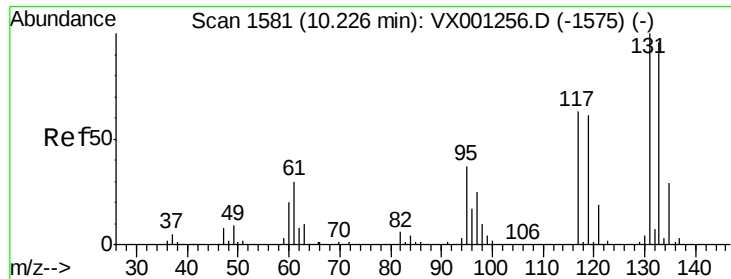
MMDadoda
5/7/2018 7:28:02 PM



#64
Chlorobenzene
Concen: 18.681 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion: 112 Resp: 101433
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.717 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

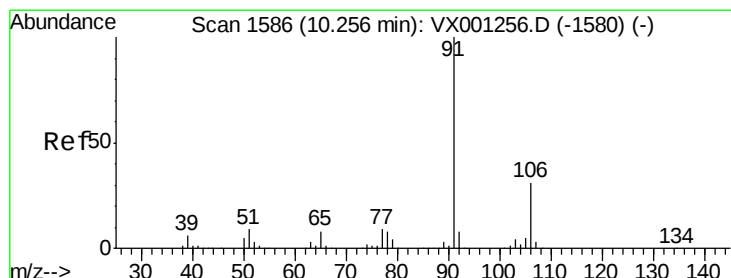
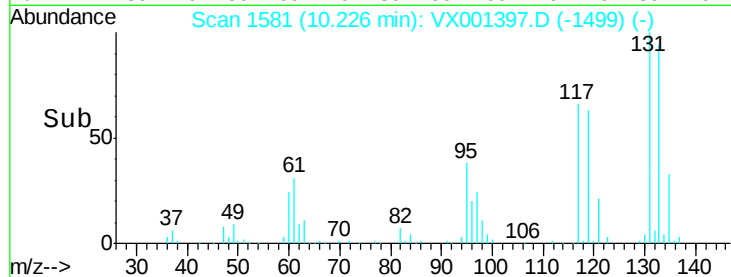
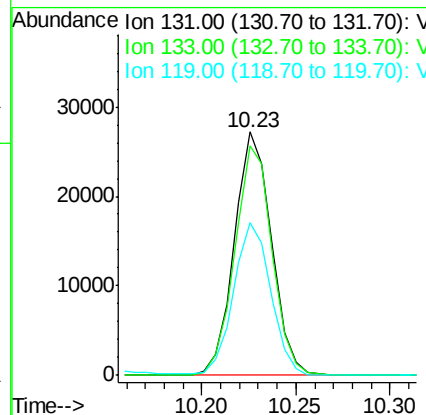
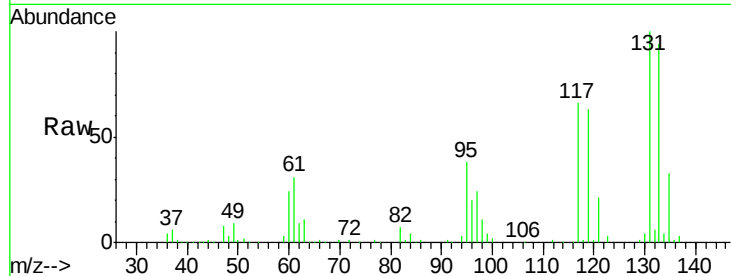
ClientSampled :

VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.7	0.0	187.6
119	62.8	0.0	134.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.188 ug/l

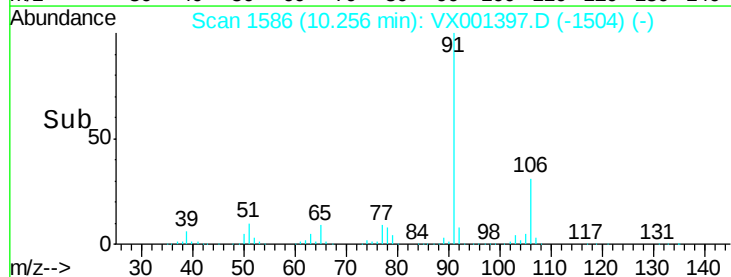
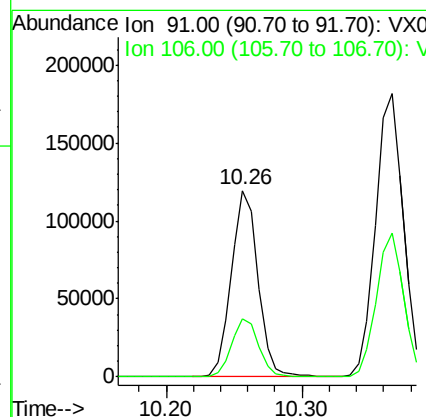
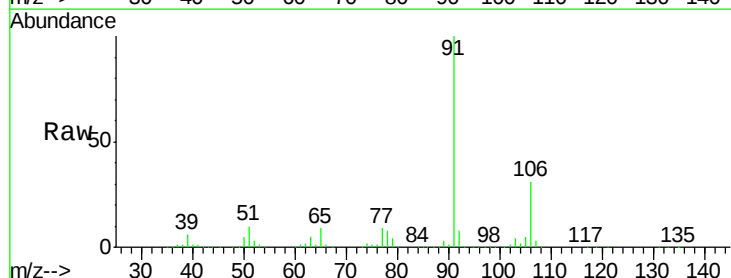
RT: 10.26 min Scan# 1586

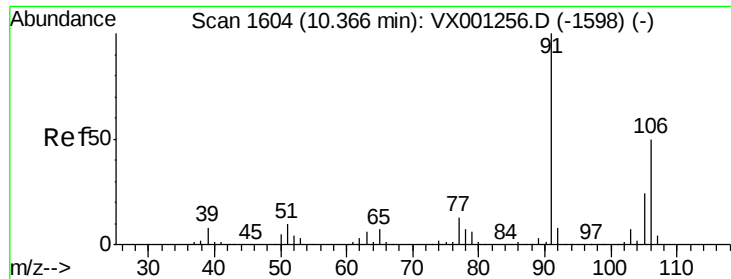
Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.9	38.9





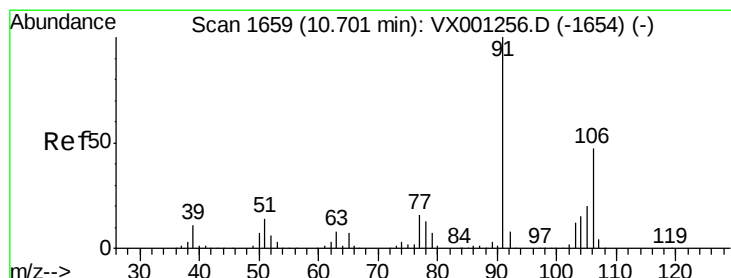
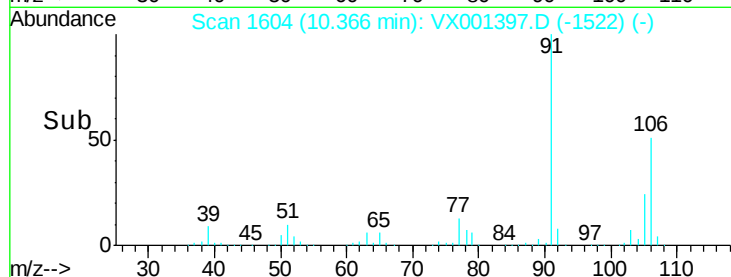
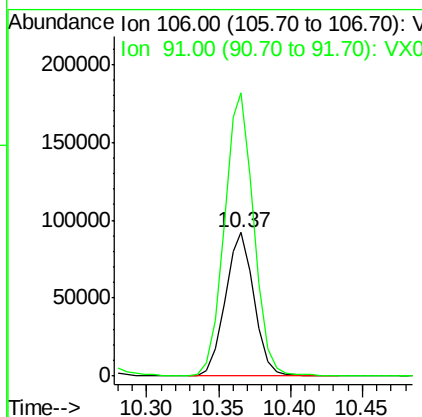
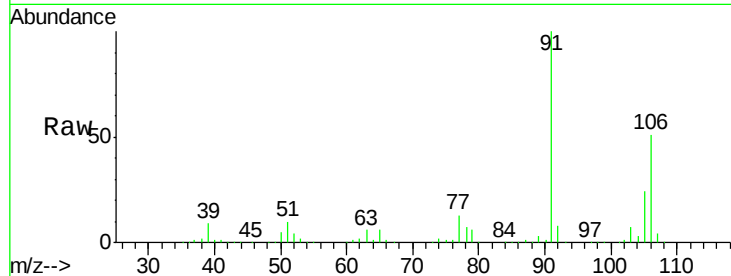
#67
m/p-Xvlenes
Concen: 36.075 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion:106 Resp: 128726
Ion Ratio Lower Upper
106 100
91 201.6 161.6 242.4

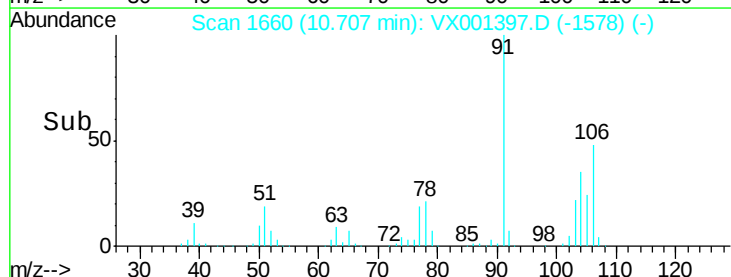
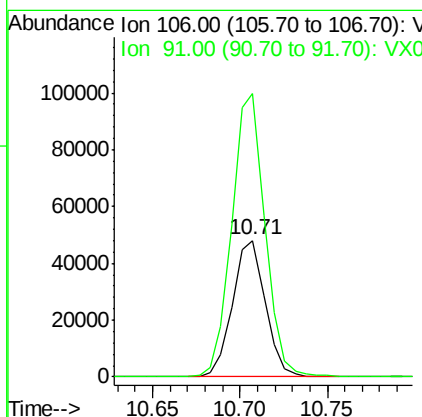
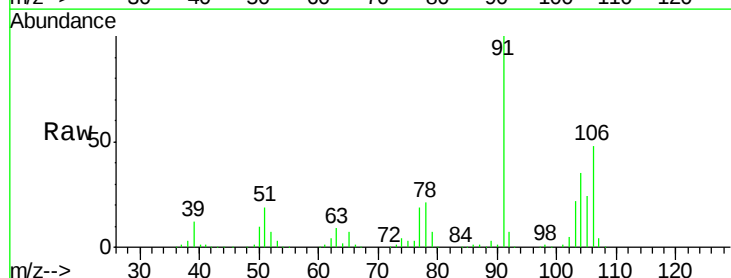
Manual Integrations
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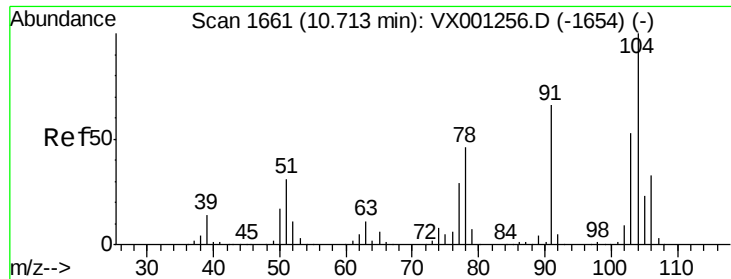
MMDadoda
5/7/2018 7:28:02 PM



#68
o-Xylene
Concen: 18.223 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion:106 Resp: 62852
Ion Ratio Lower Upper
106 100
91 210.2 105.6 316.8





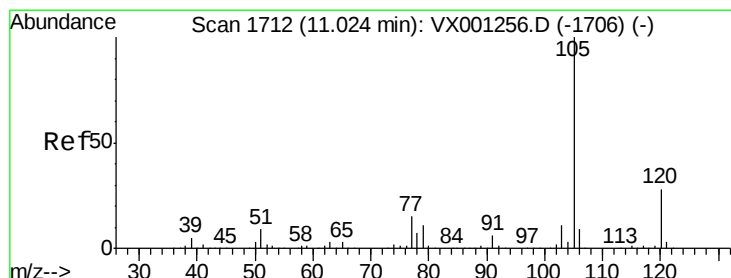
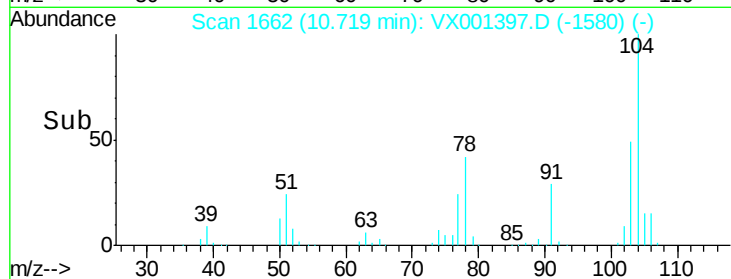
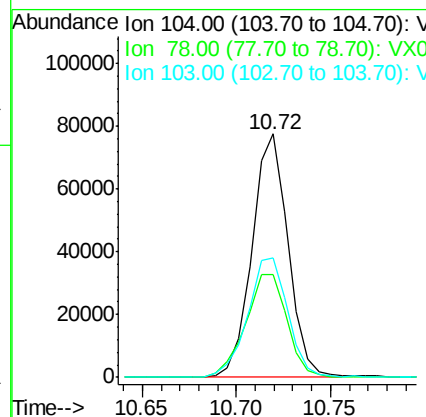
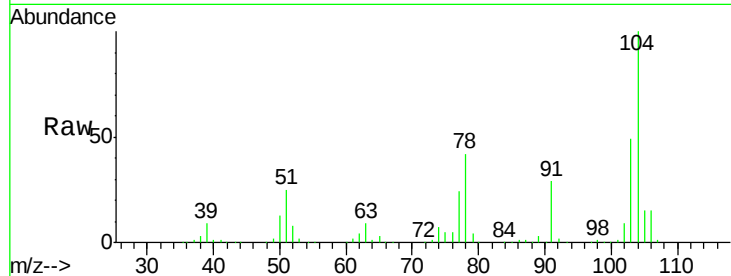
#69
Stvrene
Concen: 17.872 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	102594		
78	48.9	39.0	58.4	
103	55.2	44.7	67.1	

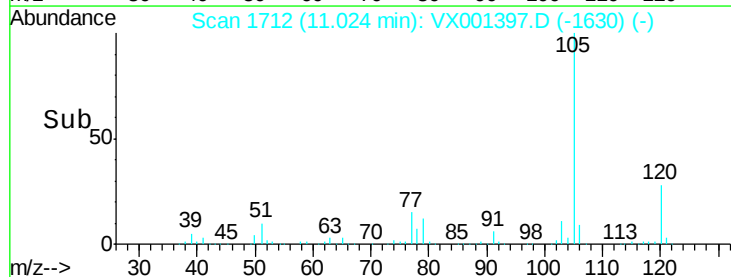
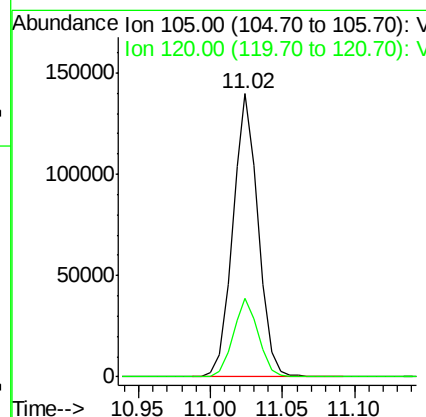
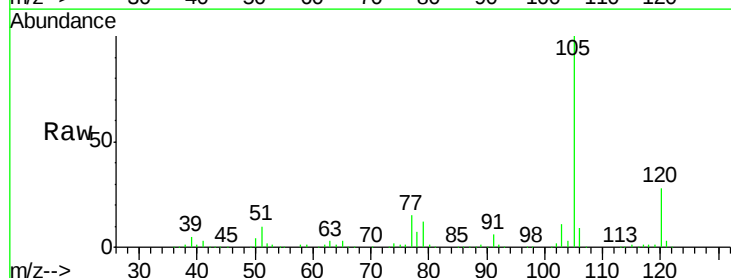
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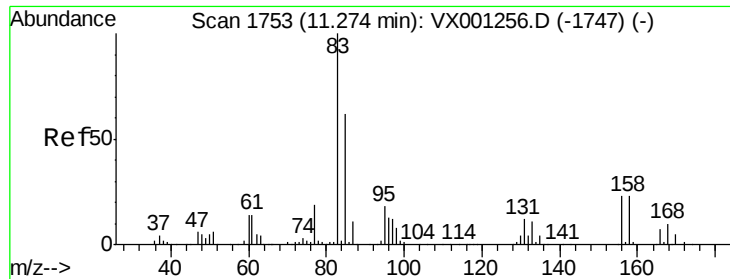
MMDadoda
5/7/2018 7:28:02 PM



#70
Isopropylbenzene
Concen: 18.340 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	171770		
120	27.7	18.8	35.0	





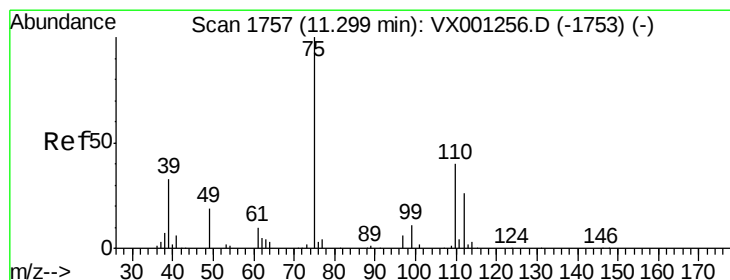
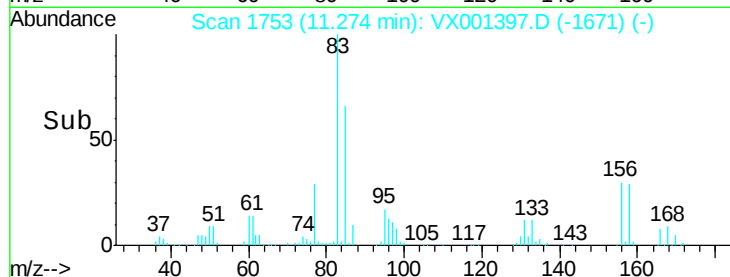
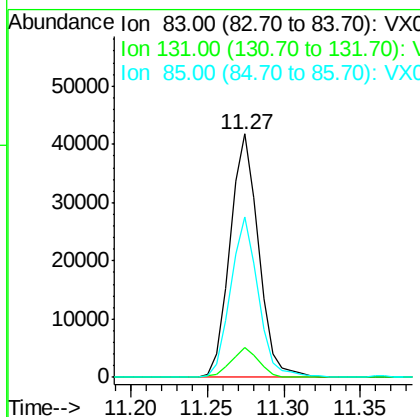
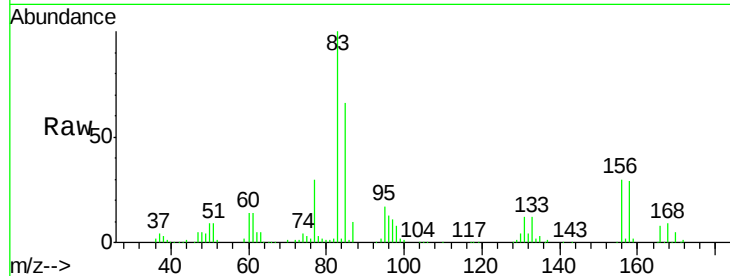
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.693 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	83	Resp	54101
Ion Ratio	100	Lower	Upper
83	100		
131	12.0	5.3	16.1
85	64.1	32.5	97.5

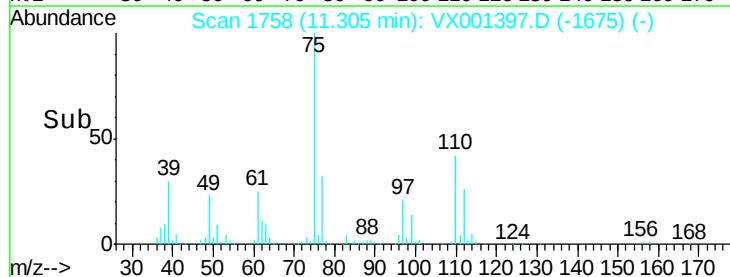
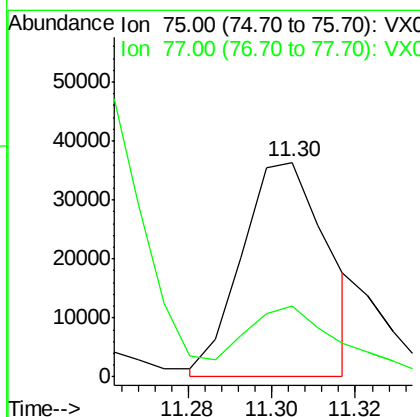
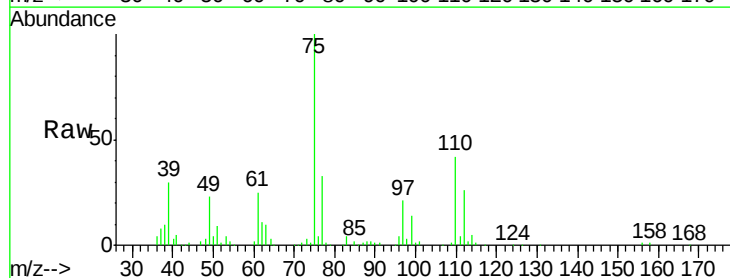
Manual Integrations
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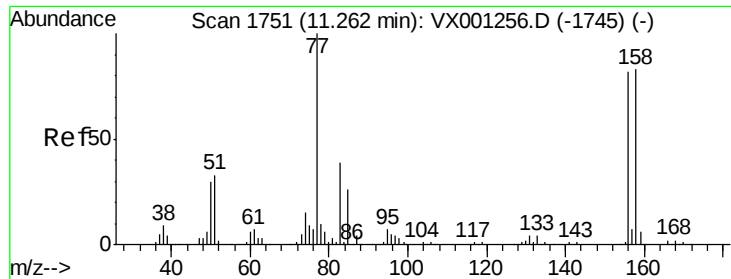
MMDadoda
 5/7/2018 7:28:02 PM



#72
 1,2,3-Trichloropropane
 Concen: 21.096 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	75	Resp	51865
Ion Ratio	100	Lower	Upper
75	100		
77	36.7	0.0	85.8





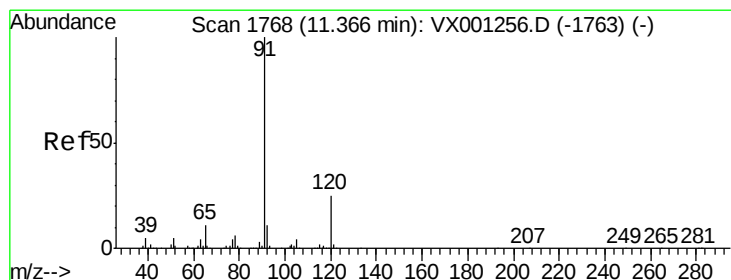
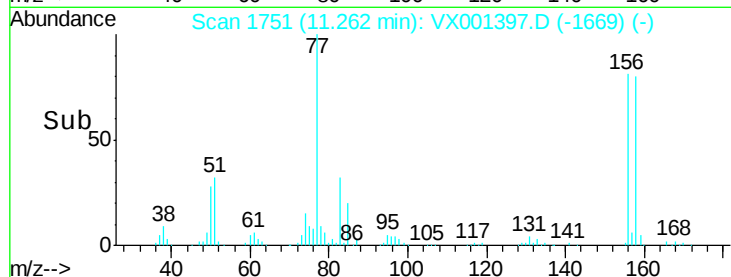
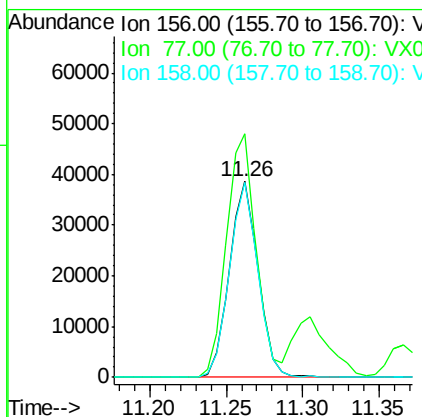
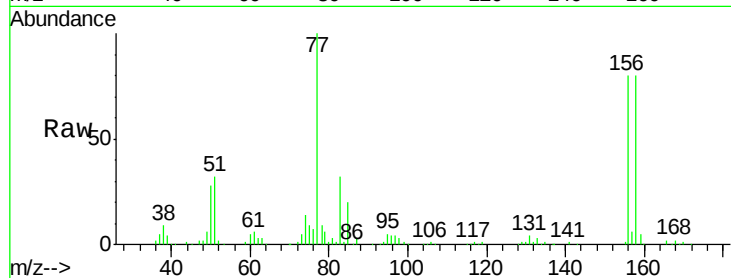
#73
Bromobenzene
Concen: 18.446 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	128.8	0.0	280.2
158	98.3	0.0	197.2

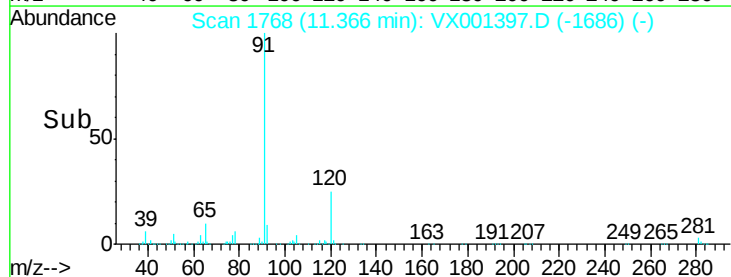
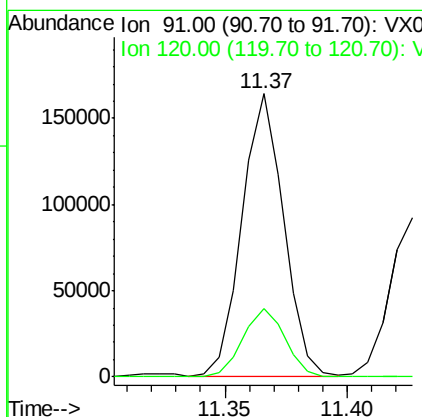
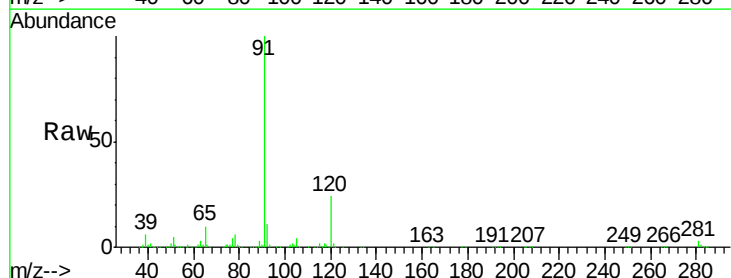
Manual Integrations
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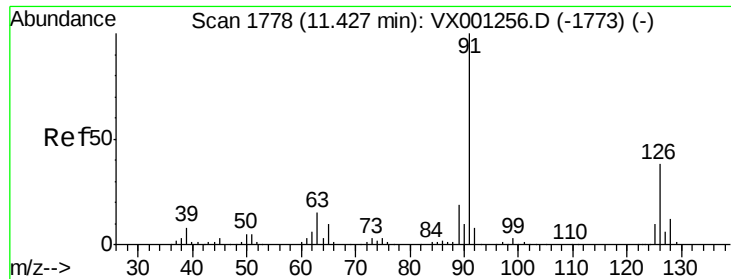
MMDadoda
5/7/2018 7:28:02 PM



#74
n-propylbenzene
Concen: 18.511 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	0.0	47.4





#75

2-Chlorotoluene

Concen: 18.207 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

VX0504WBSD01

Tot Ion: 91 Resp: 116252

Ion Ratio Lower Upper

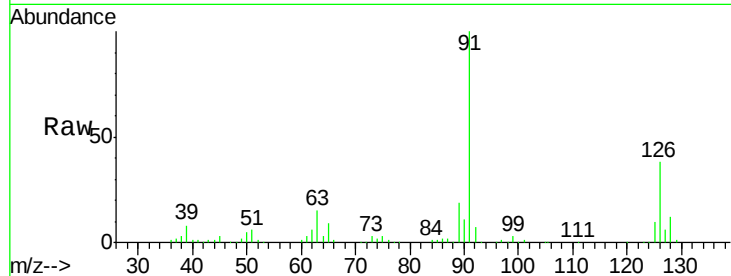
91 100

126 37.0 0.0 71.4

Manual Integrations
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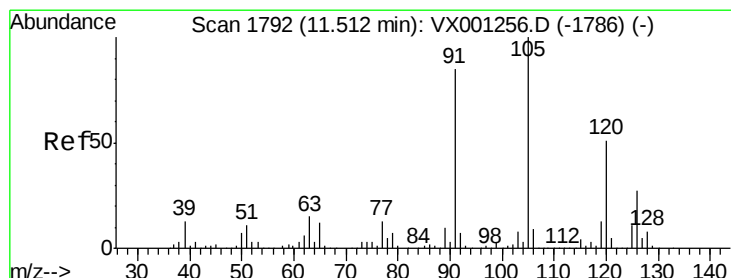
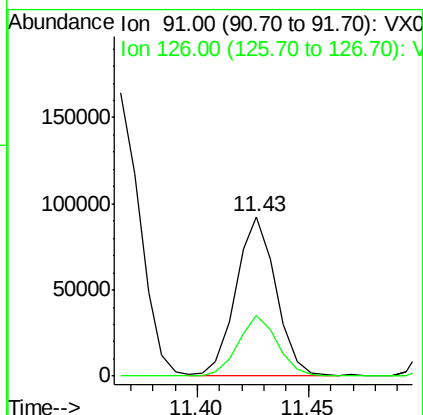
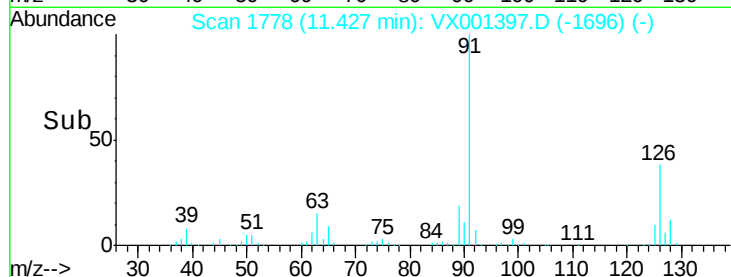
MMDadoda

5/7/2018 7:28:02 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.545 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001397.D

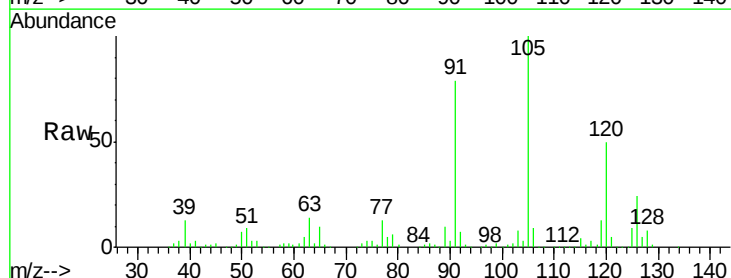
Acq: 04 May 2018 15:00

Tgt Ion: 105 Resp: 147996

Ion Ratio Lower Upper

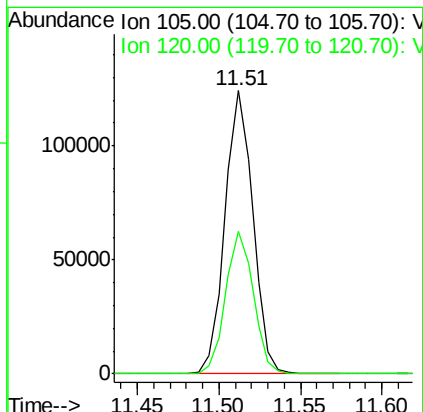
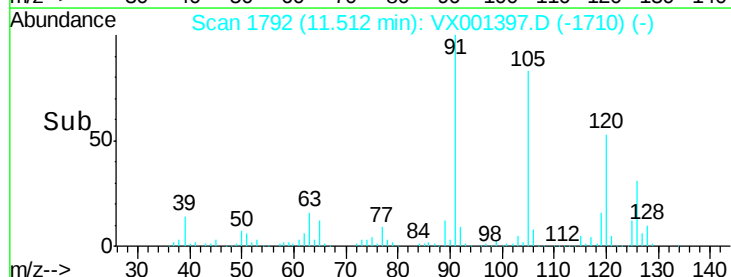
105 100

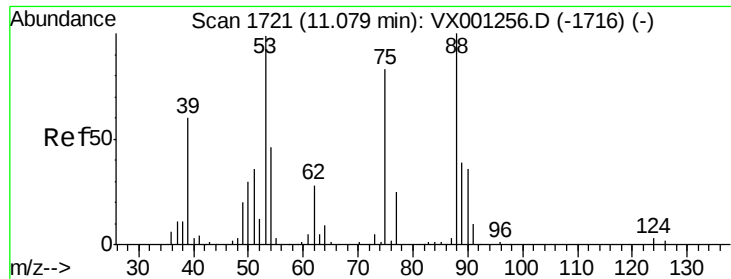
120 50.1 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





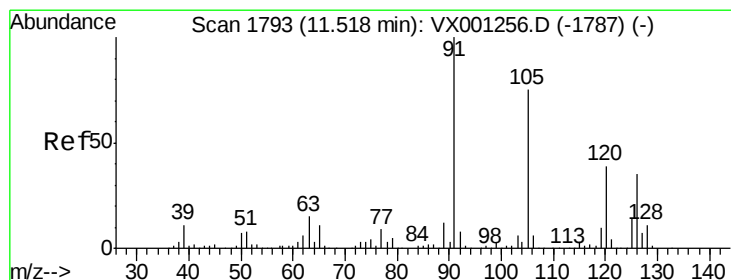
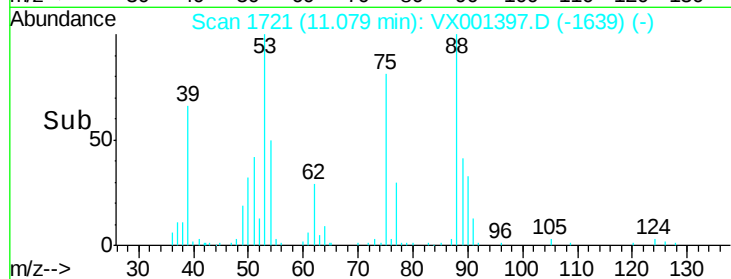
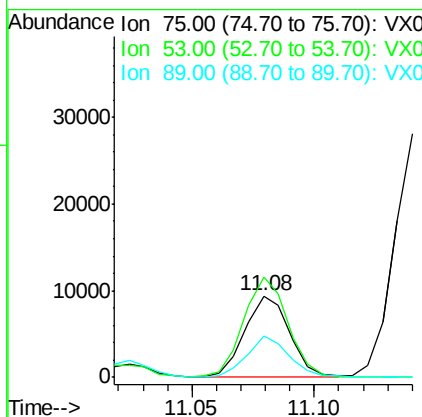
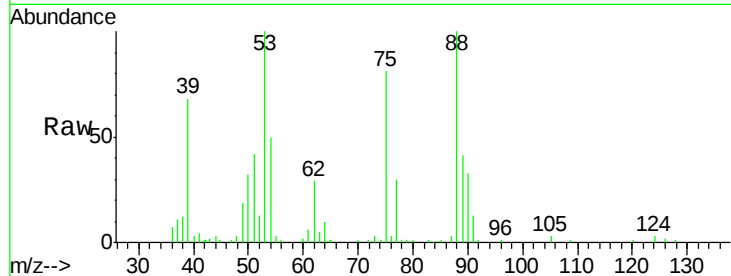
#77
t-1,4-Dichloro-2-butene
Concen: 16.495 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampled :
VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.1	47.8	143.3
89	49.8	22.3	66.8

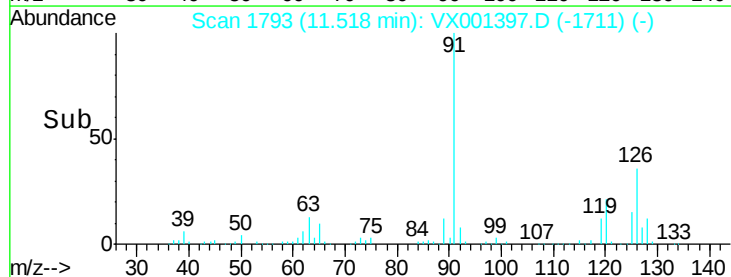
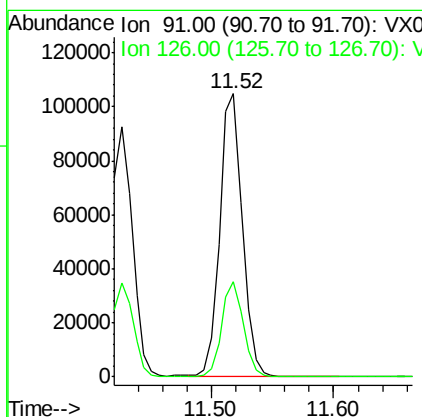
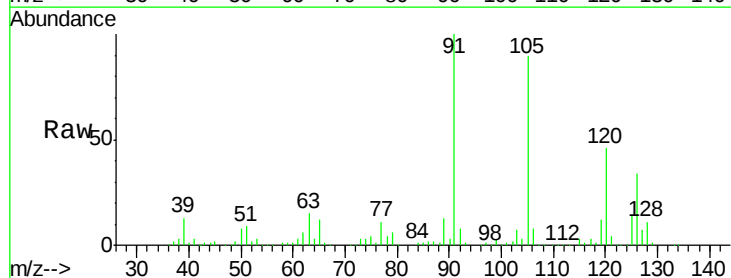
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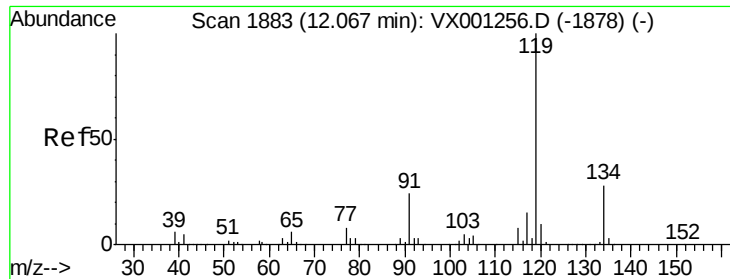
MMDadoda
5/7/2018 7:28:02 PM



#78
4-Chlorotoluene
Concen: 17.734 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	0.0	63.4





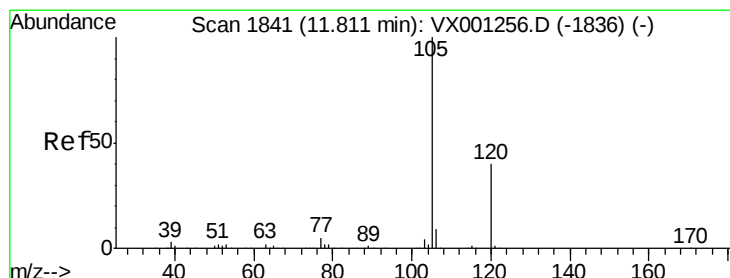
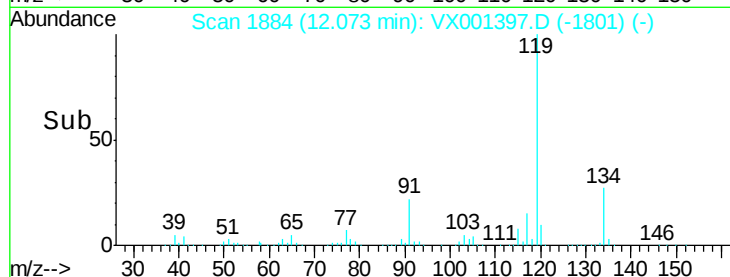
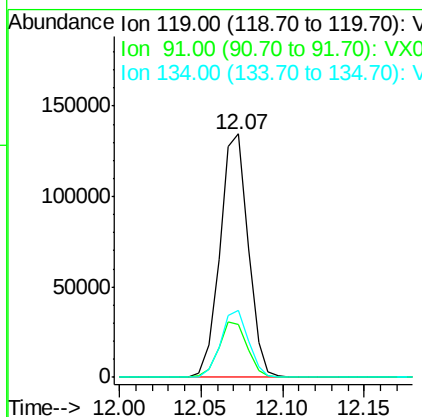
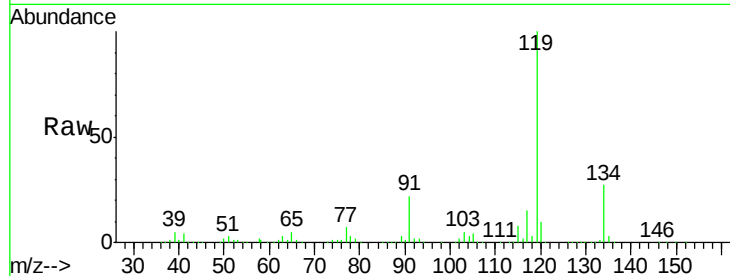
#79
tert-butylbenzene
Concen: 18.989 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
119	100		
91	23.0	0.0	51.6
134	27.0	0.0	60.2

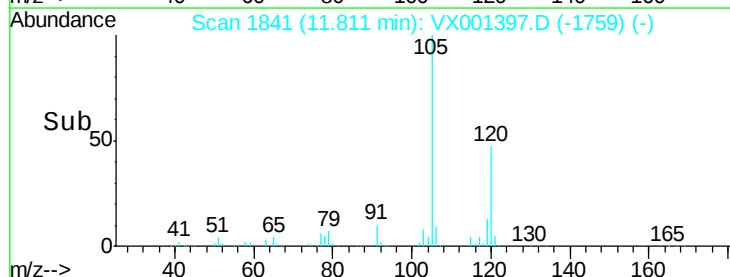
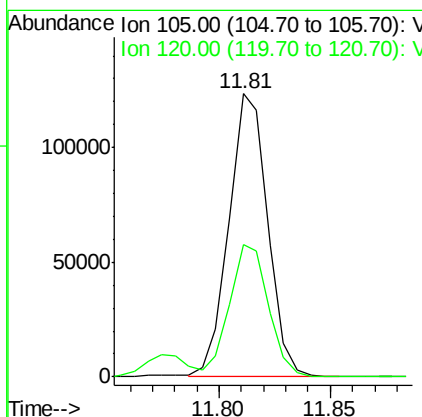
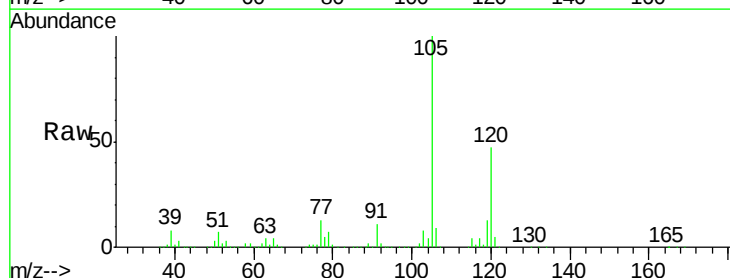
Manual Integrations
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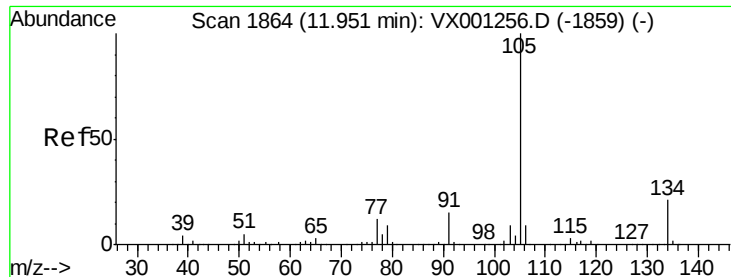
MMDadoda
5/7/2018 7:28:02 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.468 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	46.8	0.0	93.0





#81

sec-Butylbenzene

Concen: 19.182 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

Tot Ion:105 Resp: 177751

Ion Ratio Lower Upper

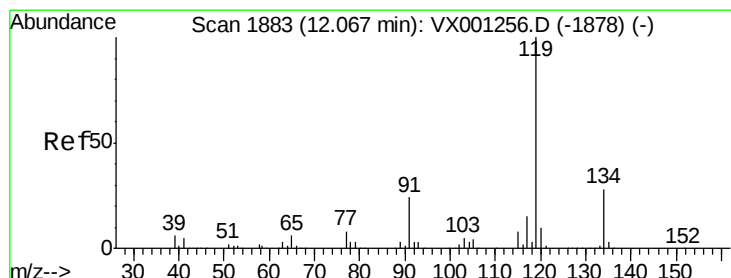
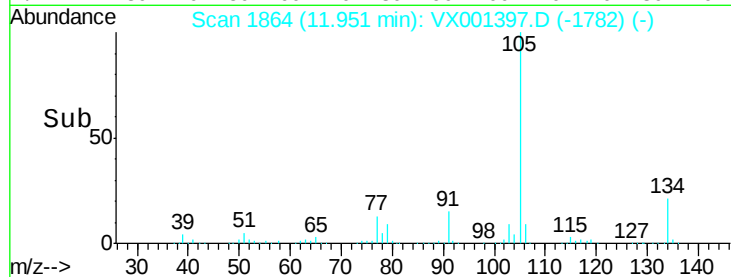
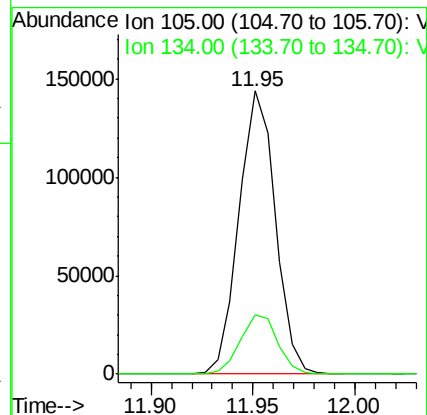
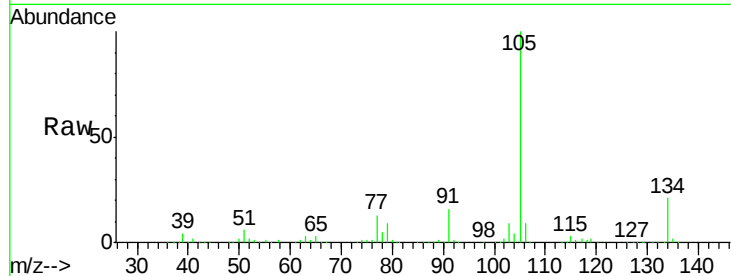
105 100

134 21.6 0.0 41.8

Manual Integrations
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5/7/2018 7:28:02 PM



#82

p-Isopropyltoluene

Concen: 18.989 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

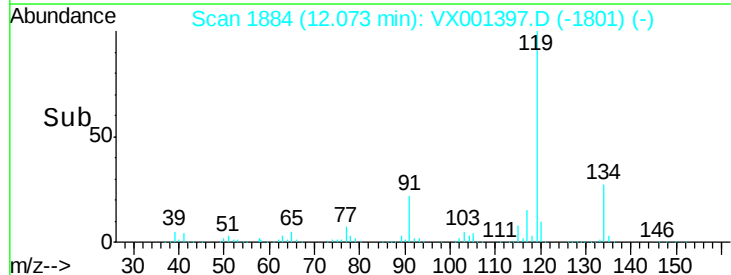
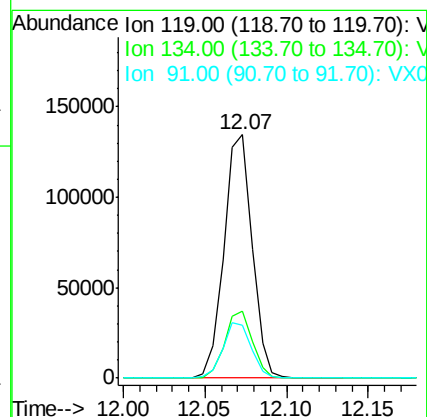
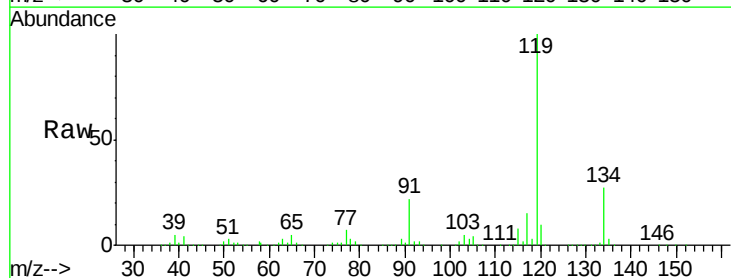
Tgt Ion:119 Resp: 162155

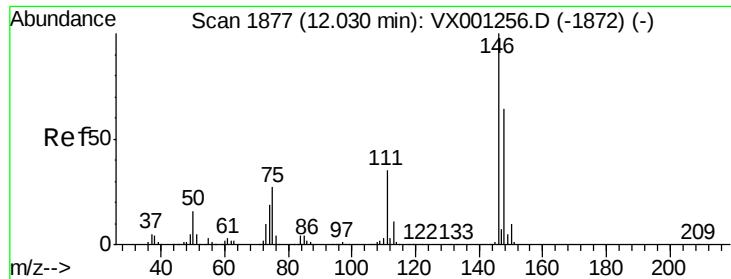
Ion Ratio Lower Upper

119 100

134 27.0 0.0 54.4

91 23.0 0.0 46.6





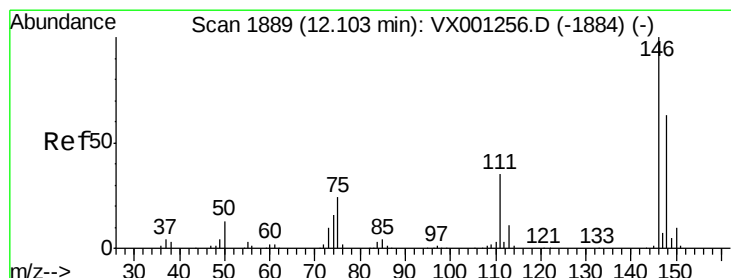
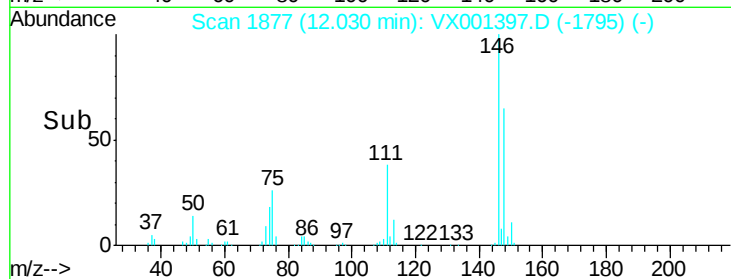
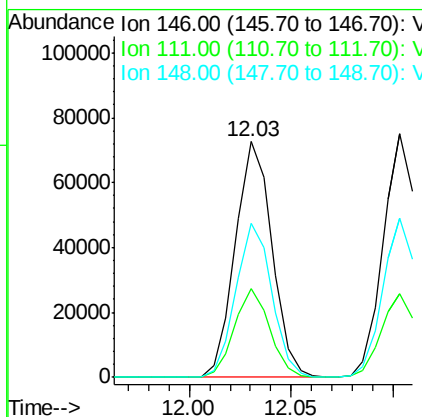
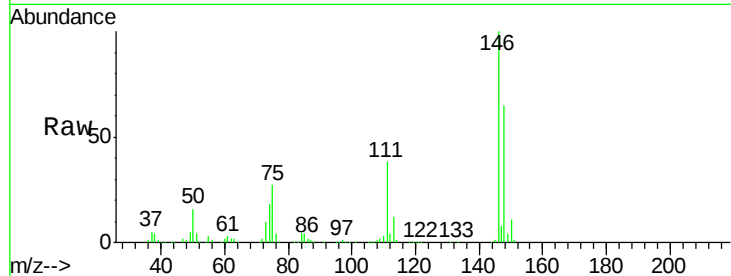
#83
 1,3-Dichlorobenzene
 Concen: 18.219 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.4	58.2
148	64.3	32.6	97.7

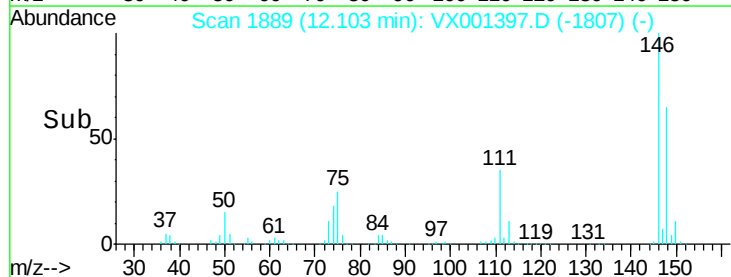
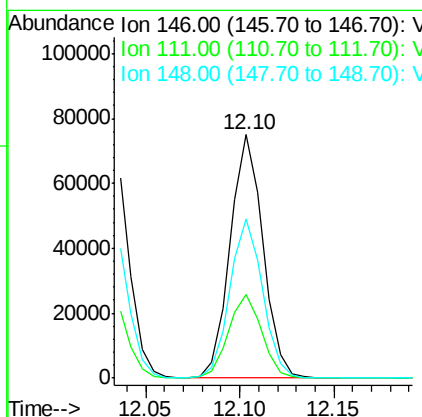
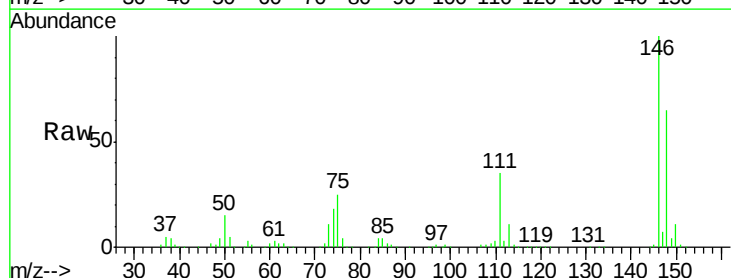
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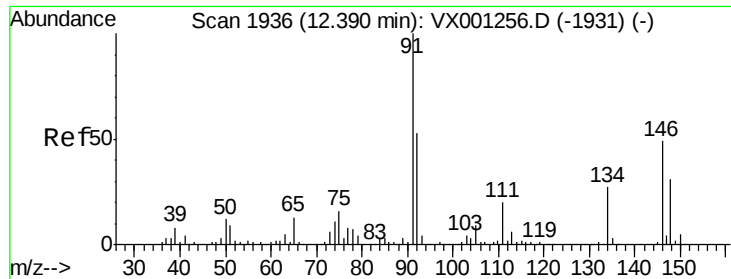
MMDadoda
 5/7/2018 7:28:02 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.881 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	18.4	55.0
148	65.5	31.9	95.7





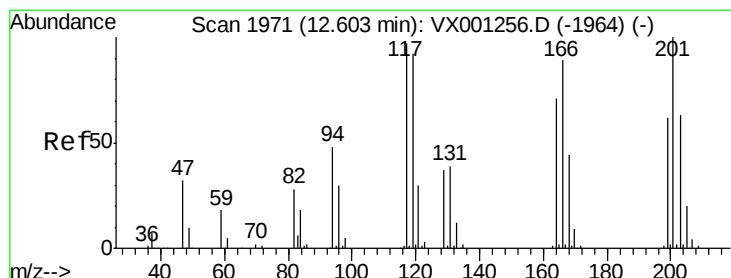
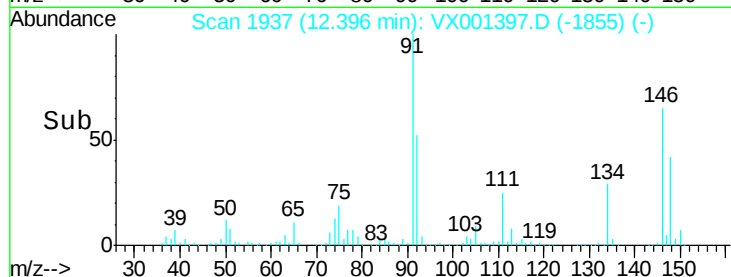
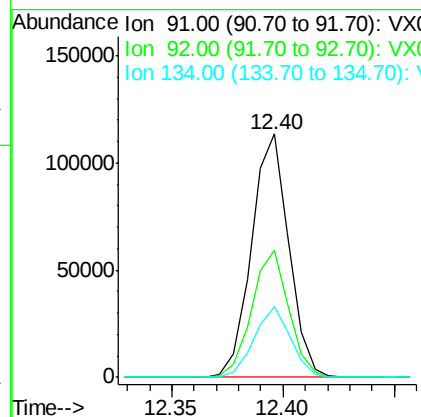
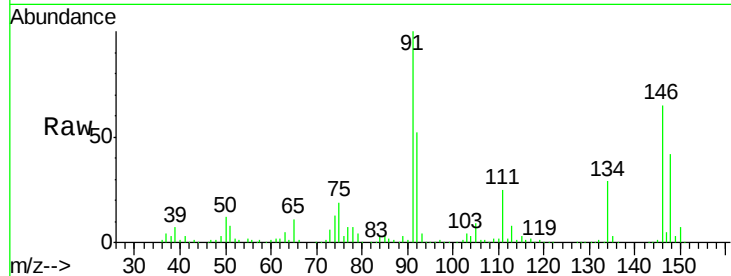
#85
n-Butylbenzene
Concen: 17.964 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		132654		
92	51.8	0.0	102.0		
134	28.6	0.0	54.2		

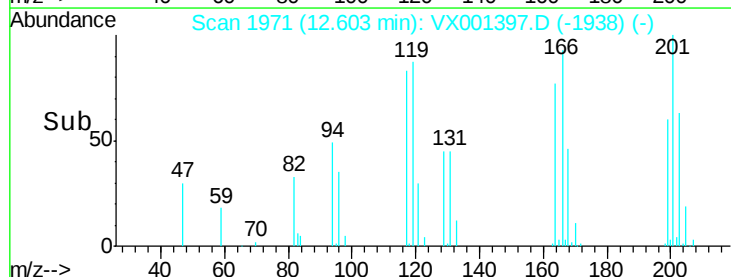
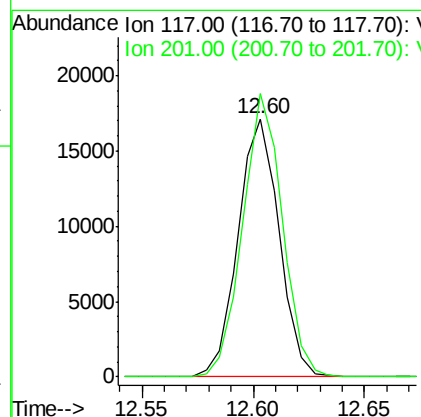
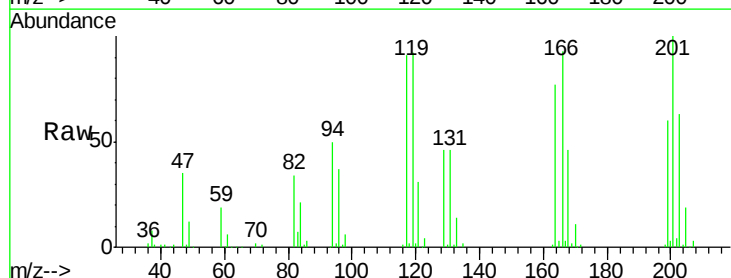
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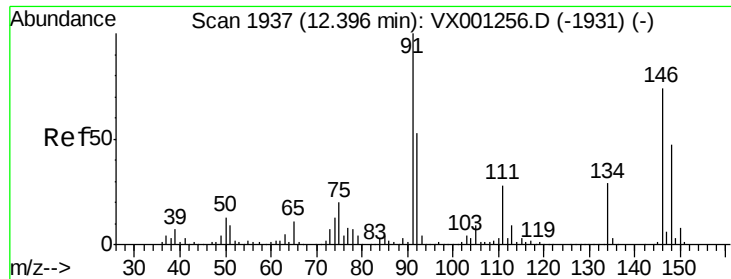
MMDadoda
5/7/2018 7:28:02 PM



#86
Hexachloroethane
Concen: 16.842 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001397.D
Acq: 04 May 2018 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		21983		
201	106.4	38.9	116.6		





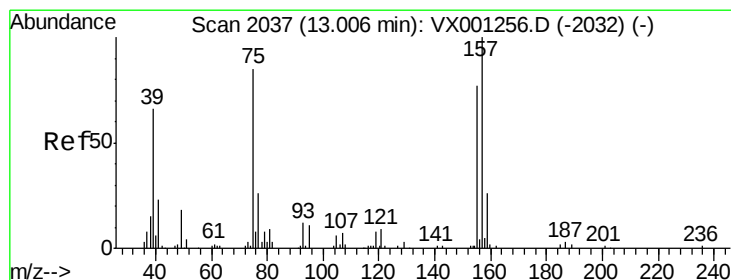
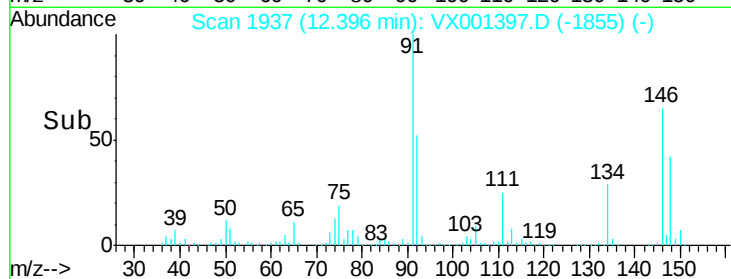
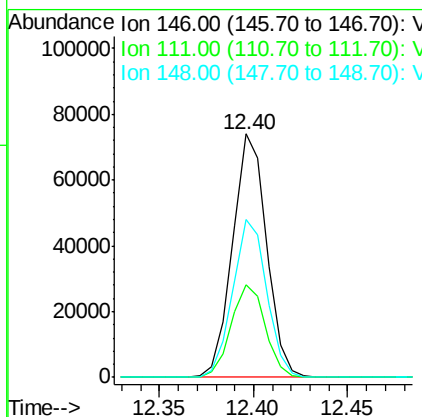
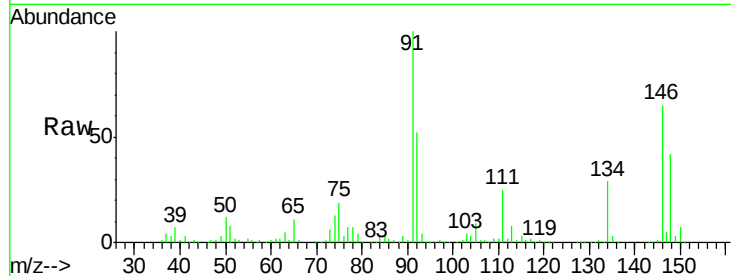
#87
 1,2-Dichlorobenzene
 Concen: 18.799 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	60.0
148	64.7	31.6	95.0

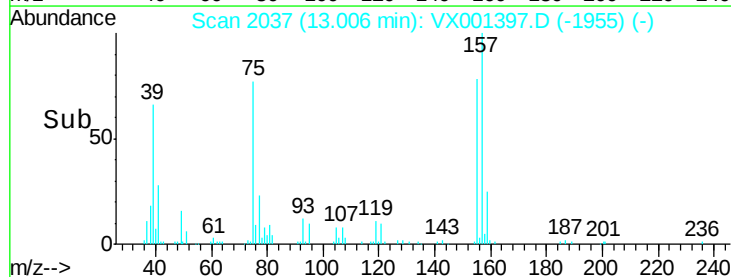
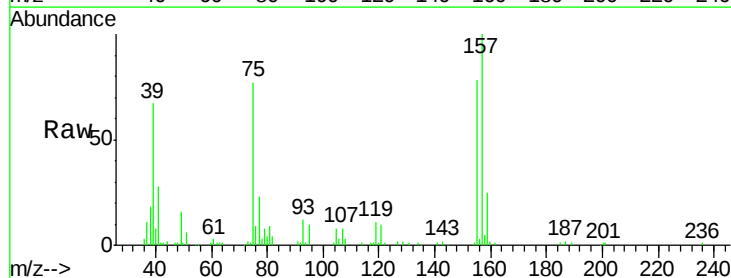
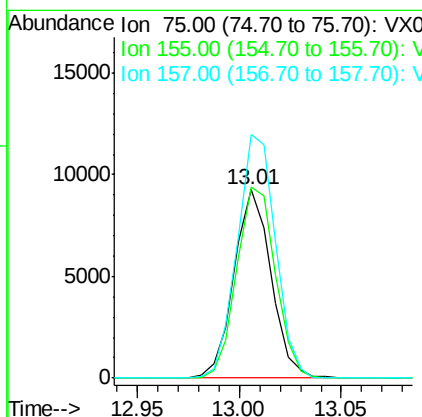
Manual Integrations
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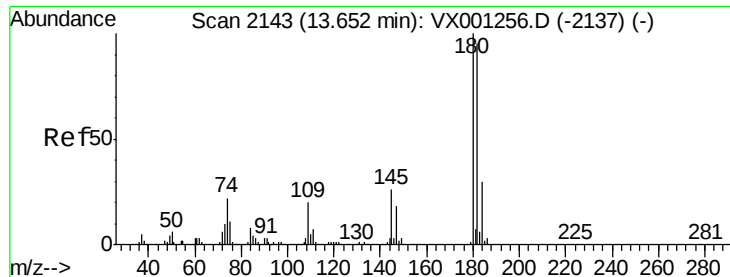
MMDadoda
 5/7/2018 7:28:02 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.333 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.0	75.1	112.7
157	133.8	99.0	148.4





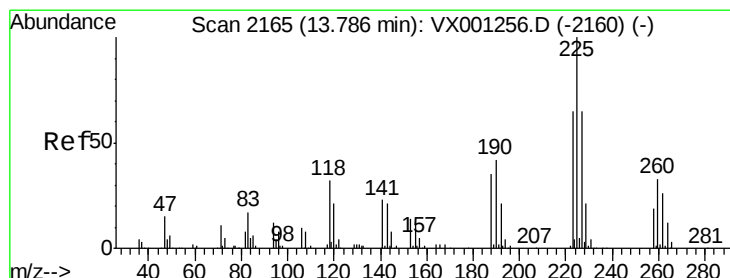
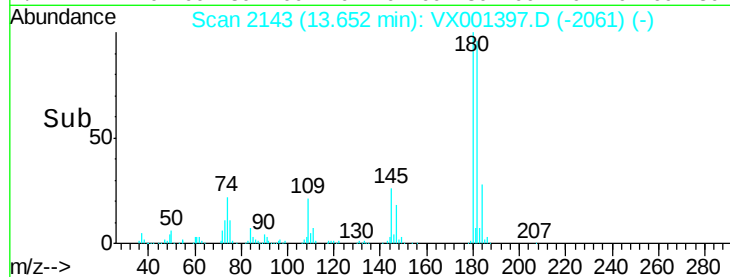
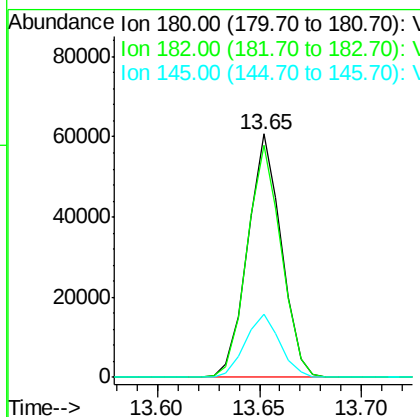
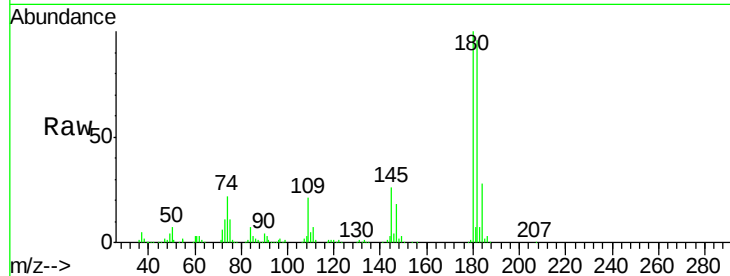
#89
 1,2,4-Trichlorobenzene
 Concen: 18.633 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.3	114.5
145	26.8	24.6	37.0

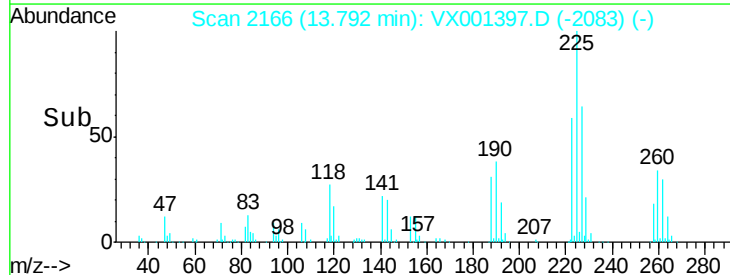
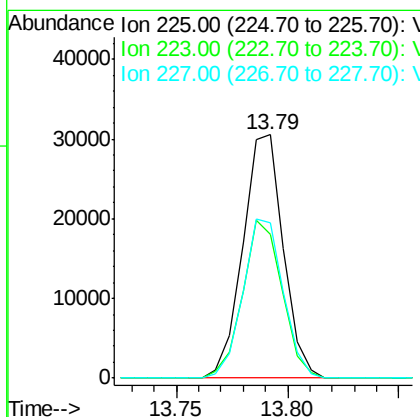
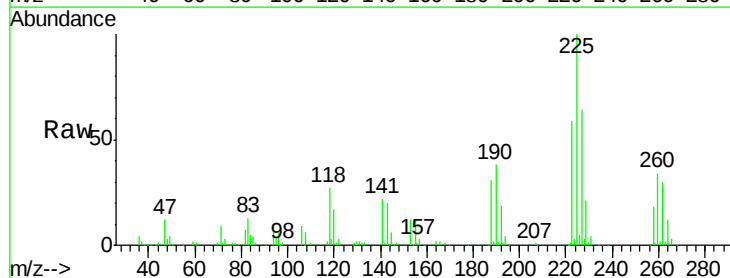
Manual Integrations
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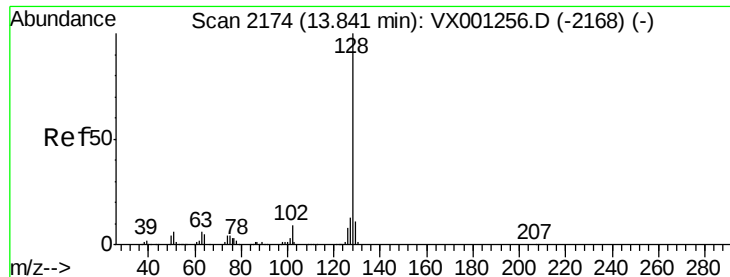
MMDadoda
 5/7/2018 7:28:02 PM



#90
 Hexachlorobutadiene
 Concen: 22.348 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001397.D
 Acq: 04 May 2018 15:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	131.2
227	64.9	0.0	127.6





#91

Naphthalene

Concen: 20.367 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Instrument :

MSVOA_X

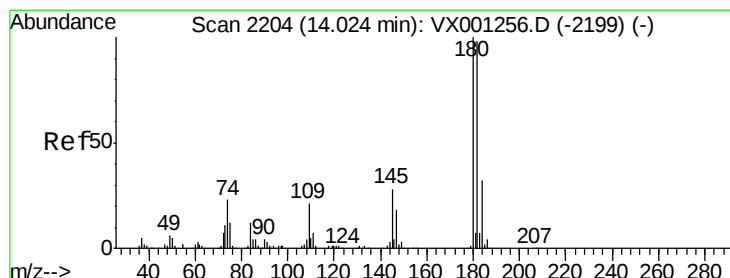
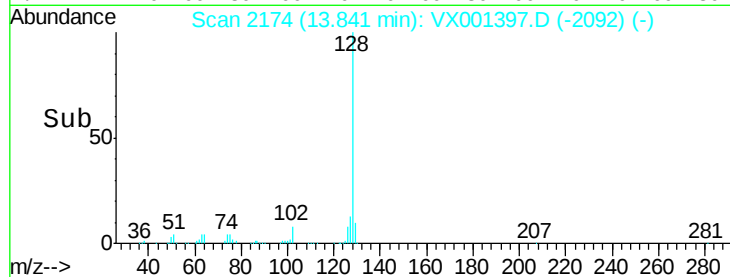
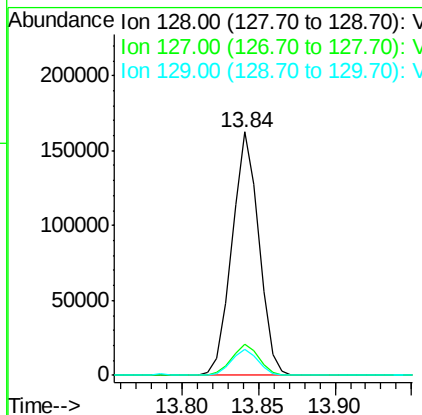
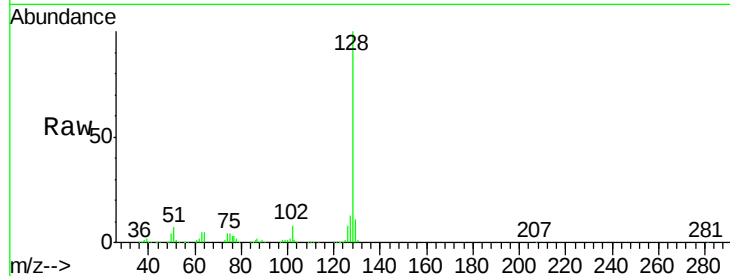
ClientSampleId :

VX0504WBSD01

Tot Ion:	128	Resp:	197587
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.8	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
5/7/2018 7:28:02 PM



#92

1,2,3-Trichlorobenzene

Concen: 19.641 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001397.D

Acq: 04 May 2018 15:00

Tgt Ion:	180	Resp:	72488
Ion Ratio	Lower	Upper	
180	100		
182	96.5	0.0	188.6
145	28.4	0.0	65.8

